# AGENDA TRANSPORTATION AND ROAD IMPROVEMENT COMMITTEE Village of Hoffman Estates July 26, 2010

Immediately following General Administration and Personnel

**Members:** 

Ray Kincaid, Chairperson

Gary Pilafas, Vice Chairperson

Cary Collins, Trustee

Karen Mills, Trustee

Jacquelyn Green, Trustee

Anna Newell, Trustee

William McLeod, Mayor

I. Roll Call

II. Approval of Minutes – June 14, 2010

#### **NEW BUSINESS**

- 1. Request approval of a letter of intent from Cook County for the IL 59 / Shoe Factory Road CMAQ project.
- 2. Request acceptance of Transportation Division Monthly Report.
- III. President's Report
- IV. Other
- V. Items in Review
- VI. Adjournment

#### TRANSPORTATION & ROAD IMPROVEMENT **COMMITTEE MEETING MINUTES**

June 14, 2010

#### I. Roll Call

Members in Attendance:

Ray Kincaid, Chairperson Gary Pilafas, Vice Chairperson Karen Mills, Trustee Jackie Green, Trustee Anna Newell, Trustee William McLeod, Mayor

**Management Team Members** 

in Attendance:

James H. Norris, Village Manager Dan O'Malley, Deputy Village Manager Arthur Janura, Corporation Counsel Mark Koplin, Asst. Vlg. Mgr., Dev. Services

Don Plass, Director of Code

Mike Hankey, Director of Transportation Peter Gugliotta, Director of Planning

Gary Skoog, Economic Development Coord.

Bev Romanoff, Village Clerk

Michael DuCharme, Director of Finance Rachel Musiala, Asst. Dir. of Finance

Patrick Seger, Director of Human Resources Rebecca Suhajda, Administrative Intern

#### Others in Attendance

#### Reporter from Daily Herald

The Transportation and Road Improvement Committee meeting was called to order at 8:20 p.m.

#### II. **Approval of Minutes**

Motion by Trustee Pilafas, seconded by Mayor McLeod, to approve the Transportation & Road Improvement Committee meeting minutes of May 10, 2010. Voice vote taken. All ayes. Motion carried.

#### **OLD BUSINESS**

1. Discussion and review of the physical and traffic conditions at the Jones Road/Hassell Road curve.

An item summary sheet from Mike Hankey was presented to Committee.

Mr. Hankey presented discussion of alternatives discussed at the last Committee meeting. Stop signs are not recommended and information was presented on preliminary costs for compassion among options. These include pavement striping, no parking on the curve, reflective sign post strips, additional curve warning signs, curb top markers, speed actuated radar signs, and LED enhanced warning signs. Each was discussed along with approximate costs.

Trustee Pilafas inquired about a speed limit activated sign for eastbound due to higher measured speed in that direction. Chevron signs would help highlight the curve. Trustee Newell asked about guardrail or other means in the curve and Mr. Hankey stated that it would have to be on school property, and that other maintenance and operations issues plus physical space make this difficult. Trustee Kincaid inquired if the signs can be set at a predetermined speed to blink.

Mr. Hankey recommended an incremental approach, in the order of no parking, curb top markers, reflective post strips, chevron / arrow, striping, and actuated signs. Trustee Pilafas and Mayor McLeod requested that staff investigate an LED turn sign with standard chevrons, curb top reflectors, and a No Parking restriction and Trustee Mills asked staff to come back with estimates for plan implementation not to exceed \$5,000.

Motion by Trustee Pilafas, seconded by Mayor McLeod, to direct staff to look at options for the Jones Road/Hassell Road curve and bring back to Committee in an amount not to exceed \$5,000. Voice vote taken. All ayes. Motion carried.

#### **NEW BUSINESS**

1. Discussion regarding a resident request to install stop signs on Nottingham Lane and Mayfield Lane at Rosedale Lane.

An item summary sheet from Nathan Roseberry was presented to Committee.

Carol Salley, 1528 Rosedale Lane, addressed the Committee to express her concern about cars driving fast and not stopping in the area of Nottingham/Mayfield at Rosedale Lane and requested stop signs. She cited a recent near-miss accident involving her small grandchildren and other children playing on the sidewalk.

Trustee Mills asked that "Cross Traffic Does Not Stop" signs be added with the stop signs.

Motion by Trustee Pilafas, seconded by Mayor McLeod, to approve request to install stop signs on Nottingham Lane and Mayfield Lane at Rosedale Lane. Voice vote taken. All ayes. Motion carried.

2. Request approval of a letter of intent from IDOT for the completion of a full interchange at Barrington Road.

An item summary sheet from Mike Hankey was presented to Committee.

Trustee Kincaid inquired about the status of the IDOT contribution and Mr. Hankey explained that it is in their multi-year plan but has not been appropriated at this time. Mr. Norris stated that Village would seek to make sure the money is programmed.

Motion by Trustee Mills, seconded by Trustee Newell, to approve a letter of intent from IDOT for the completion of a full interchange at Barrington Road. Voice vote taken. All ayes. Motion carried.

3. Request authorization to award engineering professional service contract for Phase I, II and III for the Shoe Factory Road/IL 59 CMAQ intersection project to SEC Group, Inc., McHenry, IL, in an amount not to exceed \$246.015.97.

An item summary sheet from Mike Hankey and Gary Salavitch was presented to Committee.

Motion by Trustee Pilafas, seconded by Trustee Green, to award engineering professional service contract for Phase I, II and III for the Shoe Factory Road/IL 59 CMAQ intersection project to SEC Group, Inc., McHenry, IL, in an amount not to exceed \$246,015.97. Voice vote taken. All ayes. Motion carried.

4. Request approval of an IDOT Agreement for Phase II engineering with the State of Illinois for the Palatine Road STP Improvement Project.

An item summary sheet from Mike Hankey was presented to Committee.

Motion by Trustee Pilafas, seconded by Mayor McLeod, to approve IDOT Agreement for the Phase II engineering with the State of Illinois for the Palatine Road STP Improvement Project. Voice vote taken. All ayes. Motion carried.

5. Request acceptance of Transportation Division Monthly Report.

The Transportation Division Monthly Report was submitted to the Committee.

Trustee Mills asked that staff look at "No Cell Phone Use in School Zone" signs.

Motion by Trustee Pilafas, seconded by Trustee Mills, to accept Transportation Division monthly report. Voice vote taken. All ayes. Motion carried.

- III. President's Report
- IV. Other
- V. Items in Review
- VI. Adjournment

Motion by Trustee Mills, seconded by Trustee Pilafas, to adjourn the meeting at 9:02 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Debbie Schoop,	Executive	Assistant
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## COMMITTEE AGENDA ITEM VILLAGE OF HOFFMAN ESTATES

**SUBJECT:** 

Request approval of a Letter of Intent with Cook County for IL 59 and

**Shoe Factory Road CMAQ project** 

**MEETING DATE:** 

July 26, 2010

**COMMITTEE:** 

**Transportation and Road Improvement Committee** 

FROM:

Michael Hankey

**PURPOSE:** 

A Letter of Intent (LOI) with Cook County for improvements to the intersection of IL 59 and Shoe Factory Road is presented for review and approval.

**DISCUSSION:** 

In 2009, the Village requested that both the State and Cook County investigate adding right turn lanes at the intersection of Shoe Factory Road (Cook County) and IL 59 (State). The turn lanes would help decrease some delays that occur at the intersection during peak travel periods. As a result, IDOT prepared an application for Congestion Mitigation Air Ouality (CMAO) funds to add right turn lanes on all legs of the Shoe Factory Road and IL 59 intersection. IDOT then requested that the Village take sponsorship of the project application. The project was approved in late 2009 for CMAQ funds in years 2010 through 2012. Preliminary engineering is listed in 2010, final engineering and right of way in 2011, and construction in 2012. The total project cost was estimated by IDOT at \$1,280,000, with the CMAO grant for \$1,024,000 and a local match of \$256,000. The local match will come from IDOT, Cook County; Village impact fee funds are also available if needed. However, under the proposed letters of intent, there would be no cost to the Village. Village staff will serve as the overall project manager for the engineering work.

The attached Letter of Intent from Cook County outlines their cost participation. They propose to pay half of the local share for the project. Federal funds will pay for 80% of the cost for engineering, right of way, and construction. The Letter of Intent forms the basis for future cost sharing agreements for this project. The Letter of Intent from IDOT was previously approved by the Village. SEC Group, Inc. was hired to perform the engineering and right of way tasks for the project. SEC has begun the agreement approval process with IDOT which will allow use of federal funds to pay 80% of the engineering costs.

#### FINANCIAL IMPACT:

The table shows the proposed cost sharing. There is no cost to the Village. As previously noted in Committee meetings, this project would be eligible for funding through the Village's Road Improvement Impact Fee program if needed.

#### Illinois 59 and Shoe Factory Road CMAQ Project Estimate of Costs Prepared by IDOT

Item	<b>Total Estimated Cost</b>	State	County	Federal
Phase I	\$80,000	\$8,000	\$8,000	\$64,000
Phase II	\$100,000	\$10,000	\$10,000	\$80,000
Right of Way	\$100,000	\$10,000	\$10,000	\$80,000
Phase III		-		
Construction	\$1,000,000	\$800,000	\$100,000	\$100,000
Total	\$1,280,000	\$128,000	\$128,000	\$1,024,000

#### **RECOMMENDATION:**

Recommend approval of Letter of Intent with Cook County for IL 59 and Shoe Factory Road improvements.

Attachment

CC:

Graham Beissel

Vitner Williams Van Der Aa Quraishi Vaughn Bettenhausen Agreements

General File

June 28, 2010

Honorable William D. McLeod President Village of Hoffman Estates 1900 Hassell Road Hoffman Estates, Illinois 60169

ATTN: Michael Hankey

Director of Transportation

RE:

Letter of Understanding Shoe Factory Road at IL 59 Village of Hoffman Estates Intersection Improvement

#### Dear Mayor McLeod:

We have prepared this Letter of Understanding, in duplicate, between Cook County and the Village of Hoffman Estates to establish responsibilities for proposed improvements at the intersection of Shoe Factory Road (County Highway A62) at Sutton Road (IL-59), as requested by the Village in an e-mail message on June 15, 2010.

The general scope of work for this Intersection Improvement is to construct right turn lanes on all four legs of the subject intersection. The Phase I Study of this intersection will evaluate the possible right-of-way acquisition needed, any traffic signal modifications required, the feasibility of right turn lanes for all four legs, pedestrian and bicycle accessibility and any other issues as determined.

It is our understanding that the Village of Hoffman Estates has secured Congestion Mitigation Air Quality (CMAQ) funding for Design Engineering, Right-of-Way Acquisition, Construction and Construction Engineering. Further, the Illinois Department of Transportation has concurred to financial participation for the State's portion of the improvement. The County's financial participation is anticipated to be ten (10%) percent of the estimated project cost of \$1,280,000, or a total estimated County share of \$128,000. Based on the estimated costs, the County's share for Phase I is estimated as \$8,000 and the Phase II Engineering and Right-of-Way costs are estimated as \$10,000 each. We will program funds for our share of the construction costs (estimated \$100,000.00) in our FY 2012 as part of our FY 10-14 Highway Improvement Plan currently being finalized.

The Village of Hoffman Estates agrees to continue to act as the lead agency for this improvement, including Phase II Design and Construction, and will continue to process this improvement through the Illinois Department of Transportation, Bureau of Local Roads and Streets, District One office.

RE:

Letter of Understanding Shoe Factory Road at IL 59

The Highway Department shall have the opportunity to review the Phase I Project Report at the draft, pre-final and final submittals and shall have final approval of its portion of the project.

Proposed right-of-way or easements, if required, will be secured by the Village. The Highway Department will reimburse the Village for its share of the local match for reasonable expenses incurred, subject to prior review and approval of expenses.

New or relocated Village infrastructure (lighting, water main, sanitary sewer, etc.) will be 100% Village cost responsibility, including engineering. None identified at this time.

As the Phase II design plans near completion, a formal Agreement will be prepared by the Highway Department to formalize our specific project costs, maintenance responsibilities and reimbursement terms.

If you concur with this Letter of Understanding, please countersign both copies in the space provided below. Retain one copy and return the other original signed copy to this Department at your earliest convenience. If you have any questions regarding this matter, please contact me or Rodney Bettenhausen, Advance Planning and Agreements Division, at 312-603-1655.

Very truly yours,	Submitted for signature by:
	(2 1) (2 1) (2 1) (2 1) (2 1) (3 1)
Rupert F. Graham, Jr., P.E. Superintendent of Highways Cook County, Illinois	Matthew E. Vitner
CONCUR:  President, Village of Hoffman Estates	Date:
ATTEST:	Date:

RFG:MEV:RDB/1655

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# TRANSPORTATION DIVISION DEPARTMENT OF DEVELOPMENT SERVICES

### MONTHLY REPORT July 2010

#### **New Developments**

#### Traffic data and site plans are being reviewed for the following projects:

Alliance Church Huntington Woods Corporate Center

Americare Nursing School Maranatha Church

Beverly Road Properties St. Alexius

Shree Jalaram Church Heidner Property

Church of the Cross 5 E. Golf Road

#### Village Projects

#### **Bicycle Planning**

The Village Board approved the Comprehensive Bicycle Plan in May. BPAC met on June 9 to discuss upcoming bicycle rides, area events, and to begin review of potential future capital projects. Two new members were added to the BPAC. The focus of the group will be on short to long term planning for implementation. Notices of Bike to Work week in the Chicago area were distributed. The BPAC hosted the Village fun ride on July 5<sup>th</sup> and July 25<sup>th</sup>.

#### **Barrington Road Interchange**

A letter of intent from IDOT was received. A follow-up meeting with the Illinois Tollway was held separate to review the full interchange project with new Tollway staff prior to signing the State's LOI. The Tollway provided a letter outlining their role and intent for the project.

Village officials, legislators, and Village staff met with Tollway and IDOT staff to discuss technical design options and the project's status. Tollway staff prepared some new concepts for interchange layouts along with preliminary traffic analysis. Based on their initial findings, providing sufficient green time for the left turns and through movements from Barrington Road will be critical for operations. A review of these options will be included as a part of the Phase I scope of services. A draft of the RFQ for Phase I services is being prepared for review by IDOT and the Tollway prior to being released.

#### Roselle Road Traffic Signal

The Village is awaiting a letter of approval from Cook County on signal installation. Right of way documents for temporary and permanent easements were received from the consultant. Discussions have occurred with property owners and continue to evaluate options.

#### Taxi Discount Program

Registration continues with identification cards and coupons sent to residents. To date, a total of 221 residents have registered for the program. Information on the program registration is provided on Village website and appeared in *The Citizen*. Based on coupons received, about 1,170 rides were taken with the Taxi Discount Program in 2009.

This is a large increase from approximately 400 rides recorded during 2008. In 2010, based on coupons received to date, about 788 rides were provided through approximately the first six months of the year. Currently twenty-five residents requested to receive coupons automatically each month based on their level of use. Notices were sent to residents who have accumulated coupons but have not yet used them. Automatic delivery will stop until the coupons that have been distributed are used. Potential changes to the program are being developed for discussion and review purposes by the Village Board. As coupons are received from the taxi companies, the information is entered into a database to allow statistics on program use to be created. An article regarding the Taxi Discount Program appeared in the June Citizen.

#### **Village Grant Applications**

Bode - Salem Road Surface Transportation Program Project

Staff submitted applications through the federal Transportation, Community, and System Preservation (TCSP) and Highway Safety Improvement Program (HSIP) grant programs to help fund the roundabout evaluation and analysis study. The recipients of these funds are announced later in the year, possibly by August.

Staff continues work on the in-house design of Bode Road. A joint application with the Village of Schaumburg was approved by the Northwest Municipal Conference for reconstruction, intersection improvements, and bicycle facilities. Roundabouts will be evaluated for intersections within the project limits on Bode Road from Braintree Road to Salem Drive. Proposals from experienced consultants were received for this work. Onstreet bicycle lanes will be evaluated along Bode Road as will restriping the pavement to create a three lane cross section. The NWMC Technical Committee assigned the project to year 2014. A status update was provided to IDOT.

#### Diesel Retrofit Project

The Village application for vehicle and engine replacement plus reduced emission exhaust was approved for CMAQ funds. The project cost will be covered by 80% federal funds with the balance coming from the capital replacement fund. Coordination with Public Works led to completion of the agreements and specifications for the project, which were submitted to IDOT. Both the local agency participation form and specifications have been approved by IDOT District One and have been submitted to the IDOT Springfield Office.

#### Higgins Road Pedestrian / Bicycle Project

The project was awarded full approval for CMAQ Federal Grant funding. Staff has met with IDOT and FHWA staff. Plans were re-submitted to IDOT following modifications as requested. The bridge over the creek in front of the bowling alley will require additional analysis to meet IDOT requirements. Adjustment to CMAQ funds to use some for bridge analysis was approved by CMAP and was approved earlier this month by IDOT.

Village staff held an open house meeting on Tuesday, March 30, from 5 p.m. to 7 p.m. at Village Hall on the Higgins Road project. Notification was sent via letters to residents adjacent to the project area. A newsletter article in the March Citizen had information on the project. Residents attended and discussed changes to landscaping that could be incorporated into the project.

#### Palatine Road Widening Project

Village application for Surface Transportation Program funds (\$1.3 million) was approved by NWMC. Village signed a Letter of Intent (LOI) with IDOT who will pay a significant share of the local project cost. IDOT comments on the Intersection Design Study were received. Revised information was again submitted to IDOT whose review continues. IDOT is processing an agreement for Phase II engineering for the project consistent with the LOI. This will allow reimbursement for some staff time expended for Phase II Engineering.

#### Hassell Road Surface Transportation Program Project

An application for STP funds was submitted to the Northwest Municipal Conference for reconstruction and culvert replacement on Hassell Road. The project limits are from Pembroke Avenue to Fairway Court. The scope of work is a total reconstruction of the pavement with incorporation of bicycle facilities. This could involve restriping the existing width to provide one lane in each direction, a center left turn lane, and bicycle lanes on each side. Other segments may be more appropriate for designation as a bicycle route if on-street parking is to be maintained. Near the Barrington Road intersection, an off-street facility may be investigated. BPAC can review options with a recommendation to the Village Board. Three cross road culverts are proposed for replacement as a part of this work. An RFP was released for the culvert design and staff will be reviewing proposals from consultants. A modification to the STP application was submitted to NWMC to use some STP funds for design work. The NWMC Technical Committee did not move the project to a program year yet. It remains a multi-year list. The federal aid designation request is still pending with IDOT.

#### IL 59/Shoe Factory Road Right Turn Lanes

The application for CMAQ funds to build right turn lanes at the intersection was approved. Funding is included for Phase I & II engineering in 2010 and 2011 with funds for construction in 2012 (total about \$1 million). The State and County will pay the local match of 20% for the work. Letters of intent from both the State and County were received. If needed, Village impact fee funds could be used for a portion of the local match.

#### Higgins / Moon Lake / Governors

IDOT has completed all paving and sidewalk work. The State turned on permanent signal equipment to permit left turns from Higgins Road only on a green arrow. The project was funded through the federal Highway Safety Improvement Program with IDOT performing project management. A final invoice from the State is pending.

#### RTA Community Planning Grant Application

An application was submitted for 2011 funds to the RTA to develop specific operating plans for flexible transit services. This builds on the findings from the Joint Transit Study completed for the Village in 2004. These flexible services are a hybrid of route operation and a call-in service. The goal is to create operating plans with estimates of costs, ridership, and potential funding sources. The RTA will recommend projects to include in their program later this year. There is no cost estimate at this time for the project, which has a 20% local match. Once a decision is made on projects by the RTA, specific costs will be determined through consultants under contract to the RTA.

#### Other Grant Applications

Several other funding applications were submitted but not selected for funding. Two CMAQ bicycle projects scored very well but were not included in the primary project list by CMAP due to limited funds. One was the bicycle path under the Tollway and Hoffman Boulevard bridges adjacent to the CN right of way. The other was the Huntington Boulevard / Harmon Boulevard corridor. These projects are on a "B List" meaning that if funds become available, they could be eligible for programming. The other project was a bicycle path connection on Central Road. The application for Illinois Department of Natural Resources grant was submitted but due to limited funding from the State, no projects have been selected yet. The DNR application was resubmitted in response to a call for projects.

A federal Tiger II pre-application was prepared for the Barrington Road interchange design. This is an extremely competitive nationwide program to be decided in the fall. A full application is due by the end of August if the pre-application is approved.

Staff is also evaluating potential projects for an ITEP application. These are enhancement funds that can be used for street safe improvements, non-vehicle modes, etc. The application for 2011 funds are due at the end of August.

#### **Agency Coordination**

#### CN Purchase of EJ&E

STB approval of transaction became effective on January 23, 2009. There are several appeals pending in Federal Court. The Canadian National will provide information on expected date of increase in freight traffic when available.

STB has posted monthly and quarterly reports of status provided by the Canadian National. The STB reviewed discrepancies in reporting incidents and will rule on any additional actions and requirements. Information and links are provided on the Village website. At the request of the Village, Cook County installed flashing beacon on existing warning sign in advance of the hillcrest east of the railroad crossing.

The CN License Agreement for access to crossing data was approved by Village Board. The agreement for the path crossing the tracks is under review and discussion with CN. Staff met with Canadian National staff and consultants to discuss plan development and implementation of parts of the agreement such as the soundwall, changes at the track crossing, extending the existing siding, and installing an advance message sign on Shoe Factory Road. Items like the soundwall concept will undergo public review and some will require Village Board review and approval. Status information is posted on the Village Website.

#### **Shoe Factory Road - Cook County**

Civiltech submitted plans to the Village and Cook County for review. Target is for letting in 2011; however right of way acquisition will be the primary determinant of schedule. Village is reviewing plans and will provide comments to the County and the consultants.

#### Northwest Tollway (I-90) Corridor Study

No new information.

#### O'Hare Noise Compatibility Commission

No new information.

#### Pace HOT Line Bus Service (Route 557)

AT&T notified the Village that they will not fund their share in 2010. Discussions with Pace and other companies led to a solution to continue service in 2010. The most recent ridership data provided by Pace is from April, May, and June 2010 with totals of 881,779, and 841 respectively.

Average daily ridership using the EZ-Rider Pass was about 20 per day through June. Total ridership is closer to 40 per day based on the most recent total ridership information from April. Monthly totals vary due to the number of weekdays in the month and seasonal variations in transit ridership.

A coordination meeting with Pace and employers was held in March 2010 to discuss service options. Van pools, ridership, Pace performance measures, and other ideas were covered. Information from other businesses and data from Pace will be provided to employers. Companies not participating in the Hot Line were provided information on the Shuttle Service and other Pace options. Follow-up will occur to determine their interest in some forms of transit service once information is received from PACE.

#### Pace Route 554

The most recent ridership data provided by Pace for Route 554 was through June 2010. Average daily use was about 130 to 150 riders which is higher than the same months in 2009. Year to date ridership is about 18% higher than the long term average ridership (2004 to 2008) through March.

#### **STAR Line**

A Task Force Meeting was held on July 13. Metra anticipates submitting to Federal Transit Administration in 2010. Public hearings and environmental scoping meetings will be scheduled. Coordination between Metra and Tollway continues. The Tollway is receiving various options for construction, widening, and transit improvements on I-90.

#### **Traffic Studies / Other**

- Additional information has been included on the website for engineering services as well as posting new transportation data.
- Village ADT Map posted to website.
- Assisted Police and Public Works for placement of programming PCMS for projects and special notices as needed.
- Event planning and coordination with Police Department, Standard Parking, and Sears Centre staff as needed for Sears Centre.
- Several residents are considering the Neighborhood Speed Watch program.

- Staff is developing an informational brochure on transit services offered in the Village.
- Keeping log of public transit related requests, inquiries, phone calls, etc.
- Public transit information provided on Village website. Information expanded to include more links and a map of transit services in the Village.
- Submitted requests to IDOT for them to investigate safety funding at several intersections on their system.

Michael Hankey, P.E.

Director of Transportation and Engineering Division