

AGENDA
TRANSPORTATION AND ROAD IMPROVEMENT COMMITTEE
Village of Hoffman Estates
June 11, 2012

Immediately following General Administration & Personnel Committee

Members:	Gary Stanton, Chairperson	Jacquelyn Green, Trustee
	Karen Mills, Vice Chairperson	Anna Newell, Trustee
	Ray Kincaid, Trustee	Gary Pilafas, Trustee
		William McLeod, Mayor

I. Roll Call

II. Approval of Minutes - May 14, 2012

NEW BUSINESS

1. Discussion of cell phone prohibition signs in school zones
2. Request acceptance of Transportation Division Monthly Report.

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

Village of Hoffman Estates

**TRANSPORTATION & ROAD IMPROVEMENT
COMMITTEE MEETING MINUTES**

May 14, 2012

I. Roll Call

Members in Attendance:

**Gary Stanton, Chairperson
Karen Mills, Vice Chairperson
Ray Kincaid, Trustee**

**Other Corporate Authorities
in Attendance:**

**Trustee Jacquelyn Green
Trustee Anna Newell
Trustee Gary Pilafas
Village President William McLeod**

**Management Team Members
in Attendance:**

**Jim Norris, Village Manager
Dan O'Malley, Deputy Village Manager
Art Janura, Corporation Counsel
Mark Koplin, Asst. Vlg. Mgr.-Dev. Services
Mike Hankey, Dir. of Trans & Engineering
Patrick Seger, Dir. of Human Resource Mgmt.
Algean Garner, Director of HHS
Robert Gorvett, Fire Chief
Mike Hish, Police Chief
Rachel Musiala, Asst. Director of Finance
Bruce Anderson, Cable TV Coordinator
Patricia Cross, Assistant Corporation Counsel**

The Transportation & Road Improvement Committee meeting was called to order at 7:00 p.m.

II. Approval of Minutes

Motion by Trustee Pilafas, seconded by Trustee Newell, to approve the Transportation & Road Improvement Committee meeting minutes of April 9, 2012. Voice vote taken. All ayes. Motion carried.

NEW BUSINESS

- 1. Request approval of an Intergovernmental Agreement with Cook County for the IL Route 59 and Shoe Factory Road CMAQ intersection project.**

Item summary sheet from Mike Hankey was presented to Committee.

Motion by Trustee Pilafas, seconded by Trustee Mills, to approve an Intergovernmental Agreement with Cook County for the IL Route 59 and Shoe Factory Road CMAQ intersection project. Voice vote taken. All ayes. Motion carried.

- 2. Review of request for handicapped parking space on Sutherland Place.**

Item summary sheet from Mike Hankey was presented to Committee.

Motion by Trustee Pilafas, seconded by Mayor McLeod, to approve request for handicapped parking space on Sutherland Place. Voice vote taken. All ayes. Motion carried.

- 3. Request award of contract to Terracon Consultants of Naperville, IL for geotechnical engineering services on the Hassell Road reconstruction project in an amount not to exceed \$22,400.**

Item summary sheet from Mike Hankey was presented to Committee.

Motion by Trustee Pilafas, seconded by Trustee Mills, to award contract for geotechnical engineering services on the Hassell Road reconstruction project to Terracon Consultants, Naperville, IL, in an amount not to exceed \$22,400. Voice vote taken. All ayes. Motion carried.

- 4. Request acceptance of Transportation Division Monthly Report.**

The Transportation Division Monthly Report was presented to Committee.

Motion by Trustee Pilafas, seconded by Trustee Mills, to approve the 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 Pilafas, seconded by Trustee Newell, to adjourn the meeting at 7:05 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Debbie Schoop, Executive Assistant

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Discussion regarding cell phone prohibition signs in school zones

MEETING DATE: June 11, 2012

COMMITTEE: Transportation and Road Improvement

FROM: Michael Hankey / Joseph Weesner

PURPOSE: A discussion regarding posting signs notifying motorists that cell phone use is prohibited in school zones.

DISCUSSION: Following previous discussion regarding this issue, a plan is presented for posting regulatory signs in school zone prohibiting the use of cell phones. The State law reads as follows:

625 ILCS 5/12-610.1 (excerpt)

A person, regardless of age, may not use a wireless telephone at any time while operating a motor vehicle on a roadway in a school speed zone established under Section 11-605, or on a highway in a construction or maintenance speed zone established under Section 11-605.1. This subsection (e) does not apply to (i) a person engaged in a highway construction or maintenance project for which a construction or maintenance speed zone has been established under Section 11-605.1, (ii) a person using a wireless telephone for emergency purposes, including, but not limited to, law enforcement agency, health care provider, fire department, or other emergency services agency or entity, (iii) a law enforcement officer or operator of an emergency vehicle when performing the officer's or operator's official duties, or (iv) to a person using a wireless telephone in voice-activated mode.

(625 ILCS 5/11-605) (from Ch. 95 1/2, par. 11-605)
Sec. 11-605. Special speed limit while passing schools.

(a) For the purpose of this Section, "school" means the following entities:

- (1) A public or private primary or secondary school.
- (2) A primary or secondary school operated by a religious institution.
- (3) A public, private, or religious nursery school.

DISCUSSION: (Continued)

On a school day when school children are present and so close thereto that a potential hazard exists because of the close proximity of the motorized traffic, no person shall drive a motor vehicle at a speed in excess of 20 miles per hour while passing a school zone or while traveling on a roadway on public school property or upon any public thoroughfare where children pass going to and from school.

For the purpose of this Section a school day shall begin at seven ante meridian and shall conclude at four post meridian.

This Section shall not be applicable unless appropriate signs are posted upon streets and highways under their respective jurisdiction and maintained by the Department, township, county, park district, city, village or incorporated town wherein the school zone is located. With regard to the special speed limit while passing schools, such signs shall give proper due warning that a school zone is being approached and shall indicate the school zone and the maximum speed limit in effect during school days when school children are present.

School Zones as defined by statute are the points where school zone speed limit signs are in place. The ban on the use of cell phones applies to handheld devices. The State of Illinois recommends use of a standard sign which is posted at the beginning of the school zone. This standard sign is recommended to be used to promote uniformity of the message used by the State. The sign can be posted under a Reduced School Speed Zone Ahead sign or installed separately in advance of a school speed zone. As with the school zone itself, the cell phone prohibition applies on school days when children are present.



R2-I110

The signs can either be purchased or fabricated by Public Works. Installation would be by Public Works staff and would occur prior to school starting in the Fall. As each school zone configuration varies, staff will coordinate the locations of the signs to comply with the posting requirements. Some additional Reduced School Speed Ahead signs may need to be installed for some locations. It is noted that the cell phone prohibition remains in effect whether the Village provides signage or not.

RECOMMENDATION:

Recommend proceeding with the placement of signs prohibiting the use of cell phones in school zones.

**TRANSPORTATION AND ENGINEERING DIVISION
DEPARTMENT OF DEVELOPMENT SERVICES**

**MONTHLY REPORT
June 2012**

New Developments

Traffic data, site plans, and inspections are occurring for the following projects:

Beverly Road Properties	Barrington Square Mall
St. Alexius Medical Center	Various smaller projects and permit applications
Barrington Lakes Apartments	

Village Projects

- ◆ **Bicycle Planning**
The Bicycle and Pedestrian Advisory Committee (BPAC) met on May 9, 2012. Potential changes to the Subdivision Code to reflect the complete streets approach were to be discussed, as well as a status report on various projects. Potential Subdivision Code changes are under review and will be brought to the Village Board for consideration when complete. BPAC plans to hold a community ride on July 7 starting at 9:00 a.m. They will begin at Village Hall, travel generally through the Highlands to Voglei Park, and then back to Village Hall.
- ◆ **Barrington Road Interchange – Phase I Engineering**
The contract with Crawford, Murphy, Tilly (CMT) was approved and a Notice to Proceed was issued. Early coordination meeting with Illinois Tollway and IDOT staff has occurred. CMT created a draft Stakeholder Involvement Plan for public review component of the project. Data collection including traffic counts is underway. A coordination meeting with the Illinois Tollway was held on May 11 to go over projects of interest to the Village. The first Open House meeting is scheduled for June 27 from 4:00 to 7:00 pm at Village Hall. Smaller stakeholder meetings have occurred with South Barrington as well as RTA/Pace/Metra.
- ◆ **Roselle Road Traffic Signal**
Cook County granted approval to the signal with the pedestrian phase crossing Roselle Road. Baseline data will be collected to document existing conditions before the signal with the pedestrian phase is installed in case there is a question related to impacts of its operation. Civiltech is proceeding with design plans that can be submitted to the County for their review.
- ◆ **Taxi Discount Program**
Registration continues with identification cards and coupons sent to residents. To date, a total of 332 residents have registered for the program. Coupons received to date in 2012 total 1339. Registration has remained positive following program promotions in the *Citizen* newsletter and press releases issued in March and April.

Village Grant Applications

- ◆ **Bode - Salem Road Surface Transportation Program Project**
Work on the Highway Safety Improvement Program (HSIP) grant to fund an intersection safety study is continuing. The potential for different intersection designs and traffic controls (all way stop, signals, modern roundabouts) along with modifications to lane

configurations are included in the study. Staff level technical meetings were held to review the findings. Following completion of the technical report, the plan is to have the consultant present findings to the Schaumburg Village Board then the Hoffman Estates Village Board. The potential for a trial restriping of Bode Road is being investigated. The reconstruction of Bode Road will be funded through the Surface Transportation Program. The NWMC assigned the reconstruction project to year 2014.

◆ **Diesel Retrofit Project**

The Village application for vehicle and engine replacement plus reduced emission exhaust was approved for CMAQ funds. All components have been received. Upon acceptance of the delivery of the vehicles the project closeout will begin.

◆ **Higgins Road Pedestrian/Bicycle Project**

Work is progressing on the project. The path has been paved from Apple to Basswood. Preliminary work is going on for the bridge. Most of the new sidewalk has been poured in sections. Landscaping is expected to start in the next few weeks. A consultant hired by the Village is managing the day to day activities and documentation of the Phase III construction engineering tasks.

◆ **Palatine Road Widening Project**

Work is continuing on Phase II design which will allow some reimbursement for staff time conducting the in-house design. A pre-submittal of traffic signal plans will occur in early June with a more complete set submitted in late June. The primary work tasks are for the final design plans, project specifications, and the new traffic signal installation at Huntington and Palatine. The Village application for Surface Transportation Program funds (\$1.3 million) was approved by NWMC. The Village also signed a Letter of Intent (LOI) with IDOT which will pay a significant share of the local project cost. IDOT currently shows the project on a January 2013 letting but this will be dependent upon IDOT submittals and reviews.

◆ **Hassell Road Surface Transportation Program Project**

The Project Development Report was approved by IDOT meaning Phase I is complete and Phase II is underway. IDOT is processing the Phase II engineering services agreement which will allow reimbursement of some staff time for the in-house design. Given the recent Phase I approval and the amount of work left to complete, a target letting date is anticipated in 2013. The letting date will depend on the timing of IDOT reviews and submittals. Previously it was thought that some culvert work could begin in late 2012 but given the amount of design work to do by staff, the startup of the 2012 Street Project, continuing work on Palatine Road and other projects, the project start will shift to 2013. A contract approval for geotechnical services needed for Phase II was presented to the Village Board in May.

◆ **IL 59 / Shoe Factory Road Right Turn Lanes**

The project is on track for a June 15, 2012 project letting by IDOT. Allowing time for IDOT review of bids and contract processing, the project could start in late summer. Various agreements with the State and County are being processed. Village impact fee funds are being used to advance funds for design with reimbursement from the State and County.

◆ **Transportation Investment Generating Economic Recovery Grant (TIGER)**

A new call for TIGER 2012 was released with objectives and funding similar to the 2011 call for projects. A new application for the Barrington Road interchange was submitted. An announcement of program awards is expected within the next two to three months.

The 2012 TIGER program received 703 grant applications, while USDOT is expected to be able to award only 25 to 50 projects. The applications total \$10.2 billion, while USDOT has about less than \$500 million to award. The 703 applications came from all 50 states, U.S. territories and the District of Columbia. The first three TIGER programs received nearly 2250 applications requesting more than \$95 billion; USDOT awarded 172 projects to split the \$2.6 billion approved by Congress.

◆ **Higgins/Moon Lake/Governors**

IDOT has completed all paving and sidewalk work. A final invoice from the State is pending.

◆ **RTA Community Planning Grant Application**

The initial evaluation report was presented to the steering committee. The project will move to the next phase which is to develop potential options and test the feasibility of various operations.

◆ **Congestion Mitigation Air Quality (CMAQ) Grant Applications**

No new information is available on CMAQ. Two CMAQ bicycle projects were submitted in March 2011 in response to CMAP's call for projects. One was a bicycle path under the Tollway and Hoffman Boulevard bridges adjacent to the CN right of way and along Shoe Factory Road. The other was the Huntington Boulevard / Harmon Boulevard corridor. The Shoe Factory Road / Tollway underpass bicycle project is still shown on the "B" list.

◆ **Department of Natural Resources (DNR) Grant Application**

The current call for projects does not include bicycle path projects so no action has been undertaken.

◆ **Communities Putting Prevention to Work (CPPW) Grant Application**

The Village was awarded a Model Communities Grant by Cook County Department of Health. Funds are to be used to reduce obesity through physical activity and improved nutrition. The Village application included policy review and bicycle route signage. The grant provides 100% of the funds with no local match and must be spent between February 2011 and May 2012. The bicycle route sign component was awarded and the installation is complete. A resolution for a Complete Streets approach to planning, design, and operation of transportation projects was approved. The final piece of the Village project is a set of possible updates to the Village Subdivision Code to help with the implementation of Complete Streets. These potential changes will be presented to the Village Board.

- ◆ **Illinois Transportation Enhancement Program (ITEP) Grant Application**
An application for funds was submitted to IDOT at the end of May. This is a similar project to previous CMAQ and ITEP applications for the project to connect Shoe Factory Road and Prairie Stone Business Park with a path crossing underneath I-90 and Hoffman Boulevard. While competition for funds is still very high, the Village's application should be stronger than before because the proposed segments are part of the Northwest Municipal Conference's regional bicycle system. The construction scope will be reduced because CN railroad path crossing is complete. Coordination will occur with the Forest Preserve and Park District on a joint application. Awards are expected to be announced in the Fall.

Agency Coordination

- ◆ **CN Purchase of EJ&E**
The special studies being conducted by the Village's noise consultant and hydraulics / drainage are nearly ready for presentation to residents for review and comment. The need for these studies was reinforced at the Open House meeting from December 2011. A list of Frequently Asked Questions from the meeting has been posted to the Village website.

CN completed required changes to the advance vehicle detection system on Shoe Factory Road and the County has accepted the sign system. The sign will be maintained by the County's contractor and the Village will pay for maintenance.

CN's application with Cook County for a special use for the proposed noise wall from Golf Road to Cannon Crossings was approved by the County. Cook County also approved the special use for the proposed noise wall adjacent to the Estates of Deer Crossing.

CN contractors have completed a number of changes at the Shoe Factory Road crossing including the siding track extension, a median barrier on Shoe Factory to help maintain the Quiet Zone, replacement of the crossing material, installation of a path on the north side of Shoe Factory to connect the existing paths on either side of the railroad right of way. A railing was added to the culvert extension along the bicycle path.

- ◆ **Shoe Factory Road - Cook County**
Cook County provided a letter indicating its commitment to the project. The County continues to review a supplemental service proposal submitted by Civiltech for additional services related to design. The cost will be shared by the County and Village. Civiltech has received final comments on the drainage analysis from Cook County. Work on right of way determination and negotiation could begin once the County approves the consultant supplement request. Presentation of an amendment to the Civiltech contract for supplemental services is expected in the next couple of months.
- ◆ **O'Hare Noise Compatibility Commission**
Village staff attended the full Commission meeting on June 1. Staff will continue to attend full commission meetings when schedules allow. The Technical Committee meetings will not be attended due to recurring conflicts with other meetings and tasks.

◆ **Pace Route 554**

Pace approved changes for Route 554 to bi-directional service and to add Saturday operation which began on August 22, 2011. Information has been posted on the Village website and a joint press release with other communities was issued. A notice appeared in the September 2011 *Citizen*. ADA Service will also be available for eligible riders near Route 554. Data from February 2012 showed an average weekday ridership of 415 per day and a Saturday average of 260 riders per day. A comparison of similar periods before and after the changes in August 2011, average weekday ridership has increased by over 130%. This gives an early insight based on just seven months of data in the before and after periods; a longer period of comparison will be more representative.

◆ **Pace I-90 Corridor Plans**

Pace received approval for CMAQ funds to enhance bus service along the Jane Addams (I-90) Tollway corridor. The scope of the project includes new vehicles, creation of park and ride lot facilities, and operational funding for two years. Pace will be meeting with Village staff to review options for park and ride lot locations that could work in the interim until such time as more permanent facilities can be constructed. Pace will coordinate with property owners for use of property for a Park and Ride operation. Introduction of service may begin in 2013 to coincide with planned Tollway widening and reconstruction of I-90.

◆ **STAR Line**

A STAR Line Task Force met on December 5, 2011 at Village Hall. Metra plans to complete the Alternatives Analysis in 2012. A final public meeting was held on January 19, 2012 in Arlington Heights and staff attended. The current Tollway plan for reconstructing and widening I-90 envisions providing space for expanded bus service as an initial way to increase transit use in the corridor. The design has some flexibility to allow for conversion to a higher capacity form of transit such as the STAR Line or Bus Rapid Transit in the future. Additional widening of the tollway would be needed at that time but the current design does not preclude further changes to transit service.

◆ **Illinois Tollway Capital Plan and Corridor Planning Council**

The Illinois Tollway plans to begin design and construction work on I-90 starting in 2012. Some advance bridge construction work is likely in 2012. The section of I-90 generally west of Elgin will undergo some advance construction work in 2012 with the majority of mainline work in 2013. The portion east of Elgin will be designed in 2012 and 2013 with construction in 2014 through 2016. The scope of the Tollway work will be to widen and reconstruct the mainline, adding a fourth lane in each direction. A wider inside lane and shoulder will be included to allow operation of a managed lane and/or bus on shoulder operation as an interim transit measure. As noted above, additional widening work would be needed to implement Bus Rapid Transit or the STAR Line but the current Tollway plan does not preclude these changes in the future.

◆ **Beverly and Higgins HSIP Project**

Beverly and Higgins qualified for Highway Safety Improvement Program (HSIP) funding following a Village request. The project is in Phase I engineering and could be ready for construction in 2012. The change will be to dual left turn lanes with a left on arrow only operation for westbound Higgins Road. The northbound approach on Beverly Road to

Higgins will consist of two left turn lanes and an added right turn lane. As part of a current call for projects, other candidates for HSIP funding on State and County roads are being reviewed by Village staff.

Traffic Studies/Other

- ◆ Work continues on the update to the Road Improvement Impact Fee Program. A meeting of the advisory committee was held on March 22. Information will be assembled for the committee to consider at a Public Hearing for the update to the program.
- ◆ Information has been included on the website for engineering services, as well as posting new transportation data.
- ◆ Assisting Police Department with red light camera reviews being done by the Village consultant and IDOT.
- ◆ Public transit information provided on Village website. Information expanded to include more links and a map of transit services in the Village.



Michael Hankey, P.E.

Director of Transportation and Engineering Division