

AGENDA
TRANSPORTATION AND ROAD IMPROVEMENT COMMITTEE
Village of Hoffman Estates
April 8, 2013

Immediately Following General Administration & Personnel

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 – March 18, 2013

NEW BUSINESS

1. Presentation of the Barrington Road Full Interchange 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**

March 18, 2013

I. Roll Call

Members in Attendance:

**Gary Stanton, Chairperson
Karen Mills, Vice Chairperson
Ray Kincaid, Trustee
Jacquelyn Green, Trustee
Anna Newell, Trustee
Gary Pilafas, Trustee
William McLeod, Village President**

**Management Team Members
in Attendance:**

**Jim Norris, Village Manager
Art Janura, Corporation Counsel
Dan O'Malley, Deputy Village Manager
Mark Koplun, Asst. Vlg. Mgr.-Dev. Services
Peter Gugliotta, Director of Planning
Mike Hankey, Director of Transportation
Gary Skoog, Director of Econ. Development
Ken Gomoll, Asst. Director of Public Works
Rachel Musiala, Finance Director
Bob Gorvett, Fire Chief
Mike Hish, Police Chief
Algean Garner, Director of HHS
Bev Romanoff, Village Clerk
Bruce Anderson, Cable TV Coordinator**

The Transportation & Road Improvement Committee meeting was called to order at 7:18 p.m.

II. Approval of Minutes

Motion by Trustee Mills, seconded by Trustee Green, to approve the Transportation & Road Improvement Committee meeting minutes of February 11, 2013. Voice vote taken. All ayes. Motion carried.

NEW BUSINESS

1. Request approval of the Canadian National Noise Mitigation Program.

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

Mike Hankey addressed the Committee and presented the Canadian National Noise Mitigation Program. There was discussion regarding distribution of packets to residents, clarifying how residents would be reimbursed, reimbursement for in-kind products, and common area

landscaping/screening. Information packets will be sent to eligible homeowners to begin the reimbursement program on April 15, by certified mail.

Mike Ciffone, 1735 Nicholson, expressed concerns with putting out up to \$22,000 and having to wait until all work is completed in order to be reimbursed. He had questions about what happens to money that is not spent and restrictions on using "in-kind" products.

Bob King, 1710 Nicholson, inquired about the retention area and whether there is funding for improvements and how the HOA would get reimbursed.

Motion by Mayor McLeod, seconded by Trustee Pilafas, to approve the Canadian National Noise Mitigation Program. Voice vote taken. All ayes. Motion carried.

2. Request approval for an IDOT resolution to appropriate Motor Fuel Tax Funds for the 2013 Hassell Road reconstruction project and related work in an amount of \$932,200.

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

Motion by Trustee Pilafas, seconded by Mayor McLeod, to approve an IDOT resolution to appropriate Motor Fuel Tax Funds for the 2013 Hassell Road reconstruction project and related work in an amount of \$932,200. Voice vote taken. All ayes. Motion carried.

3. Discussion of RTA Community Planning Study on flexible transit service operating plans.

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

Mike Hankey addressed the Committee and reported that the goal of the RTA study on flexible transit service operations is to see if there is a demand for running this type of transit service in the Village. A study was performed by LandVision, Inc. hired by the RTA to conduct the analysis. Ron Lanz, with LandVision, and Patty Mangano, with the RTA presented the findings of the study.

Trustee Pilafas indicated that there are several short-term issues and the service is needed now.

Trustee Kincaid requested staff review the eligibility criteria of the subsidized taxi program concerning those who may not drive to be considered as eligible.

Motion by Trustee Pilafas, seconded by Trustee Mills, to accept findings from the RTA Flexible Transit Service Operations Plan study. 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 Mayor McLeod, 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 Mills, to adjourn the meeting at 8:51 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 of the Barrington Road full interchange project

MEETING DATE: April 8, 2013

COMMITTEE: Transportation and Road Improvement

FROM: Michael Hankey

PURPOSE: Present an overview (by the Village's consultant) on the status of the Barrington Road full interchange project.

DISCUSSION: The Village is the lead agency for the Phase I engineering analysis for the full interchange project. Work started in June of 2012 and has involved extensive coordination with IDOT, the Illinois Tollway, Pace, and other agencies. The Community Advisory Group met on several occasions to provide input and guidance to the evaluation of project goals, interchange configurations and alternatives. Pedestrian and bicycle accommodations along with transit services are included within the scope of the proposed interchange work. The Village and IDOT are sharing the cost of the Phase I engineering work. A public hearing on selection of the preferred interchange alternative design is tentatively planned for June with design approval expected by mid-2013.

Crawford, Murphy, and Tilly, Inc. (CMT) will present an overview of work completed to date and outline some of the next steps.

The project schedule is aggressive and is intended to keep pace with the design work being done by the Illinois Tollway for reconstruction and widening of I-90 from Elgin to the Kennedy Expressway. The current Tollway schedule anticipates preparatory work on I-90 getting under way in 2014 involving modifications of bridges, construction of retaining walls, and other related work. Reconstruction and widening of the mainline lanes, with the addition of a fourth lane in each direction, is planned for 2015 to 2016. A coordination goal of the Barrington Road full interchange project is to allow work to begin on the bridge design in 2013 so that the Tollway can do construction work on the Barrington Road bridge in 2014. To that end, the Tollway Board has given preliminary approval to an Intergovernmental Agreement (IGA) with the Village to share the cost of the Phase II engineering work for the interchange and bridge. The portion of the Phase II design

DISCUSSION: (Continued)

focusing on the bridge would be advanced first. The balance of design would be completed to permit interchange construction at the same time that the Tollway does its mainline work.

The cost of the Phase II engineering design would be shared equally between the Illinois Tollway and the Village. Extensive coordination with IDOT will occur during the Phase II plan development. CMT is currently working on the detailed scope of services, hours, and cost for the Phase II work. The Village would be the lead agency for the Phase II design, just as was done for Phase I. The consultant selection process for Phase I involved both the Illinois Tollway and IDOT. The solicitation, response, review, and selection of the consultant for Phase I was extremely comprehensive and exhaustive. The selection was based solely on the qualifications of the firm resulting in CMT being the unanimous recommendation of the Village, Illinois Tollway, and IDOT. CMT has performed extremely well on the Phase I work and has done an exceptional job of advancing through the steps of Phase I project development and review in substantially less time than a typical federal project process. This accelerated schedule relied upon the cooperation of both the Illinois Tollway and IDOT and was driven by a desire to allow the interchange work the chance to coincide with the Illinois Tollway's improvements to I-90. In order to stay on track with the Illinois Tollway's schedule for bridge work, continuing the Phase II work with CMT is the feasible choice. At the time when a complete scope of work proposal is available, the Tollway IGA and the Phase II contract will be presented to the Village Board.

FINANCIAL IMPACT:

The cost of the Phase I engineering contract with CMT is approximately \$2 million. The Village and IDOT are sharing the cost of the Phase I work. The Village share of the cost is being paid with road improvement impact fees and traffic improvement funds. The State has agreed to provide up to \$18 million toward the project cost and the Illinois Tollway policy stipulates it would contribute 50% of the construction cost. Should the Village Board approve a contract for Phase II engineering and an IGA with the Illinois Tollway, the local share of the Phase II design work would be paid from impact fees and road improvement funds. At the time the IGA and Phase II contract are presented to the Village Board more information will be available for project cost estimates. Work continues on identifying funding sources and options for the Village's share of construction costs.

RECOMMENDATION:

For discussion.

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

**MONTHLY REPORT
April 2013**

GRANT PROJECTS

◆ **Bode - Salem Road Surface Transportation Program Project**

Scope: Bode Road will be reconstructed from the intersection with Braintree to Bode Circle East. On-street bicycle facilities will be included along with improved roadway lighting. The Village of Schaumburg's work includes reconstructing Salem Drive from Bode Road to Golf Road with similar lighting and bicycle components.

Status: Staff submitted the Project Development report (PDR) to IDOT for review. The cost estimate has been evaluated further and increased to reflect the more detailed level of plan development.

Next Steps: Staff will continue work on the Phase I project development report and will revise based on IDOT comments. The use of a consultant for lighting design will be investigated once Phase II engineering is ready to begin. A public meeting is scheduled for April 17 at Enders-Salk Elementary School.

Funding:

Item	Total	Federal (STP)	Local (MFT)
Reconstruction	\$2,500,000	\$2,000,000	\$500,000
Safety Study	\$ 50,000	\$ 40,000 (HSIP)	\$ 10,000

◆ **Higgins Road Pedestrian/Bicycle Project**

Scope: Construct new sidewalk and bicycle path on north side of Higgins Road from Basswood Street to west of Roselle Road.

Status: Work is essentially complete on the project. Bike detection at the Ash Road signal is being modified to improve performance and coordination with IDOT is occurring.

Next Steps: Landscaping should be completed within the next month. Install and coordinate bicycle detectors with IDOT and Meade. Project closeout will occur in 2013.

Funding:

Item	Total	Federal	Local*
Construction	\$725,000	\$540,000	\$135,000
Engineering – Phase III	\$ 80,000	N/A	\$ 80,000

* Roselle TIF, Village of Schaumburg, Traffic Improvement Fund

◆ **Palatine Road Widening Project**

Scope: Widen to a consistent three (3) lane section from Huntington to Haman and install new traffic signal at Huntington.

Status: Work is expected to begin the week of April 8. Homer L. Chastain & Associates was hired by the Village to perform Phase III engineering. A notice about the project was included in the January *Citizen* and a public meeting was held on March 21. Notices of the upcoming work were sent to residents, businesses, and the Village of Inverness.

Next Steps: As work gets underway, updates will be posted on the Village website under Road Construction.

Funding:

Item	Total	Federal	State	Local (Tr Impr Fund)
Construction (estimate)	\$2,500,000	\$2,000,000	\$450,000	\$50,000
IDOT Bid Opening	\$2,132,000			
Engineering – Phase III (estimate)	\$ 250,000	\$ 200,000	\$ 45,000	\$ 5,000
Village contract award	\$ 150,000	\$ 120,000	\$ 25,000	\$ 5,000

◆ **Hassell Road Surface Transportation Program Project**

Scope: Reconstruct Hassell Road from Pembroke to Fairway Court. Includes new lane configuration for left turns and on-street bicycle facilities.

Status: The apparent low bidder at the State opening was Plote, Inc. at a cost of approximately \$4.6 million. IDOT is working on contract documents and will set a preconstruction meeting. An article appeared in the April *Citizen* about the project. Notices were delivered to businesses with project information. The specific schedule and staging details will be determined following the IDOT preconstruction meeting.

Next Steps: A public information meeting is scheduled for April 16. A mailing with project information is being sent to residents and businesses.

Funding:

Item	Total	Federal	Local (MFT)
Construction	\$5,300,000	\$4,000,000	\$1,300,000
Engineering – Phase III	\$ 500,000 (est.)	N/A	\$ 500,000

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

Scope: Add right turn lanes on each leg.

Status: Paving work is complete on both Shoe Factory and IL 59. The permanent traffic signal installation, lighting, and restoration remain to be done. The Village hired H.R. Green Engineering to perform all phases of engineering design and construction management.

Next Steps: The consultant staff is conducting the project inspections and documentation.

Funding:

Item	Total	Federal	State	Cook County
Construction	\$1,000,000	\$800,000	\$100,000	\$100,000
Engineering	\$ 100,000	\$ 80,000	\$ 10,000	\$ 10,000

◆ **Beverly and Higgins HSIP Project**

Scope: Install dual left turn lanes on Higgins Road and convert left turn to a “left on green arrow only” operation. The northbound approach on Beverly Road will be widened to include a right turn lane and dual left turn lanes.

Status: All work is complete.

Next Steps: The first invoice for the Village share of work was processed. The final payment will occur upon project close out.

Funding:

Item	Total	Federal	State	Local (Western Tr Impr Fund)
Construction	\$910,000	\$810,000	\$70,000	\$30,000

◆ **RTA Community Planning Grant**

Scope: Evaluate feasibility and design of flexible route transit services in the Village.

Status: The consultant presented the draft report findings at a public meeting on February 13.

Next Steps: RTA will close out the project and prepare an invoice for the Village share. RTA staff will assist with creating a Village Transit Task Force as recommended in the study findings.

Funding:

Item	Total	RTA	Local (Tr Impr Fund)
Planning	\$80,000	\$64,000	\$16,000

◆ **Illinois Transportation Enhancement Program (ITEP) Grant Application**

Scope: This bicycle and pedestrian improvement project will connect Shoe Factory Road and Prairie Stone Business Park with a path crossing underneath I-90 and Hoffman Boulevard. The path within the Forest Preserve from IL 59 to the CN right of way will be paved too.

Status: An IDOT kickoff meeting regarding the general scope was held on February 28. A review meeting with FHWA is anticipated in April. A Request for Qualifications for engineering services was posted on the Village website.

Next Steps: The Park District and Forest Preserve are teaming with the Village to fund the project. An intergovernmental agreement will be required. Construction is likely in 2015.

Funding:

Item	Total	Federal	Local (EDA, Park District, Forest Preserve)
Construction	\$700,000	\$560,000	\$140,000
Engineering	\$150,000	\$120,000	\$ 30,000

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

The Central Road bicycle path project from the west AT&T Center Drive to Huntington Boulevard was submitted on March 1. Past experience with the DNR process suggests a very long review cycle before projects are selected.

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

An application for the Barrington Road interchange was submitted in 2012; however, given the demand for this program, the interchange application was not selected. There may be a new call for projects in the future. Planning for new opportunities continues.

BIKE / PEDESTRIAN PROJECTS

◆ **Bicycle Planning**

A date for the next BPAC meeting is being determined. The topics will include activities for 2013 along with discussion of creating a pedestrian facility plan.

TRANSIT

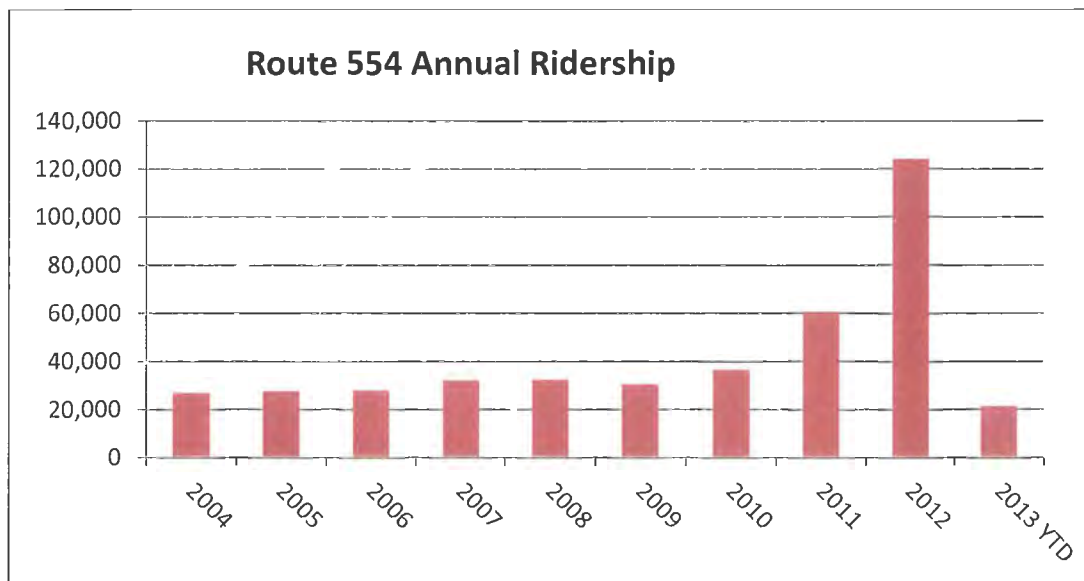
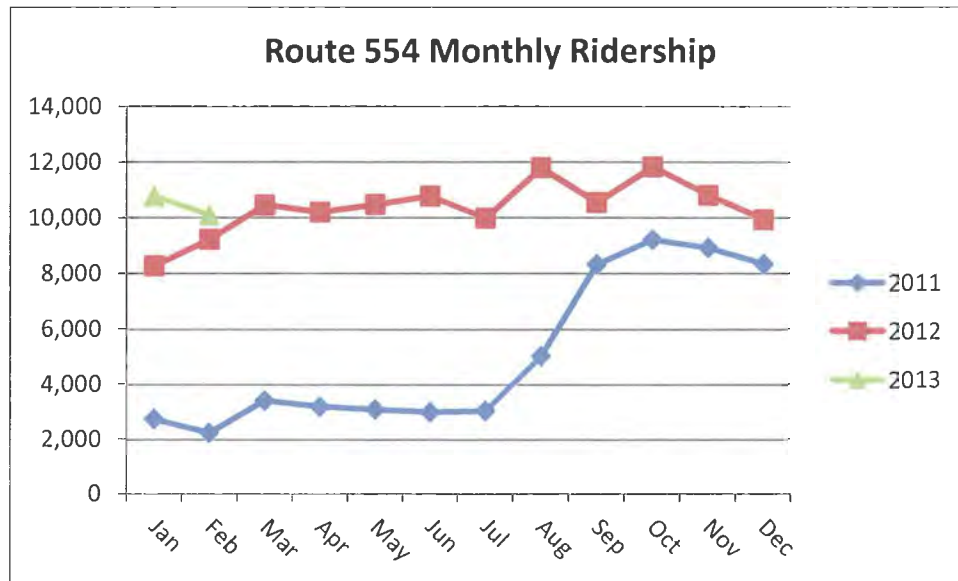
◆ **Taxi Discount Program**

Registration continues with identification cards and coupons sent to residents. To date, a total of 359 residents have registered for the program. Coupons redeemed to date in 2013 total 799. The annual estimate for 2013 is based on limited data on usage received through the middle of March and is only a very general early predictor of annual use. An article appeared in the April *Citizen* and calls have increased as a result.



◆ **Pace Route 554**

The most recent data from February 2013 showed an average weekday ridership of 452 per day and a Saturday average of 257 riders per day. A comparison with the same month from previous years shows a continuing upward trend. The service was expanded to bidirectional operation and Saturday hours in August 2011. ADA service is available for qualified individuals within three quarter mile of the route.



◆ **Pace I-90 Corridor Plans**

Pace continues its planning work on temporary Park and Ride facilities in Prairie Stone. 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 interim and permanent park and ride lot facilities, and operational funding for two years. Introduction of service may begin sometime in late 2013 to coincide with planned advance Tollway widening work for the reconstruction of I-90. This project also involves coordination with the Barrington Road full interchange project to determine if a permanent park and ride facility with convenient service to and from the Tollway can be constructed.

ROAD PROJECTS

◆ **Barrington Road Interchange – Phase I Engineering**

The fourth Community Advisory Group meeting was held in January to review concepts for alternative configurations. A public meeting was held in February and a draft preferred alternative was identified, the single point urban interchange. CMT created a performance matrix to compare alternatives for discussion with IDOT and Illinois Tollway staff. CMT is working on concepts to incorporate Park and Ride facilities into the different interchange configurations. Discussion on options to begin Phase II engineering to keep pace with the Tollway's work schedule is ongoing. An intergovernmental agreement with the Tollway will be needed to proceed with Phase II engineering design. CMT will present a project overview at the April Transportation & Road Improvement Committee meeting.

Funding:

Item	Total	State	Local
Engineering – Phase I	\$2,000,000	\$1,000,000	\$1,000,000

◆ **Shoe Factory Road - Cook County**

Civiltech, the Village's consultant, will submit pre-final plans to the County by the end of April along with proposed right of way documents. The County intends to handle right of way appraisals and negotiations while Civiltech will prepare the plats and legal documents. The right of way process will begin in 2013. The timing of construction will depend upon the duration of the right of way process, project funding, and approval of final plans.

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

The Illinois Tollway began design and pre-construction work on I-90 in 2012. Some advance construction work occurred on the section west of Elgin. The majority of mainline work west of Elgin will begin in 2013. The portion east of Elgin will be designed in 2012 and 2014 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 a Bus Rapid Transit or the STAR Line station but the current Tollway plan does not preclude these changes in the future. Tollway staff presented an overview of the work on I-90 from Elgin to the River Road Plaza in a meeting at Village Hall. Coordination with the Barrington Road Interchange project is essential and ongoing.

TRAFFIC SIGNALS

◆ **Roselle Road Traffic Signal**

Cook County granted approval for 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 submitted pre-final signal plans to Cook County for review. The majority of comments from County Departments were received in late January and the consultant is working on a response.

◆ Higgins Road / Prairie Stone Parkway Traffic Signal

All work has been completed. Project close out will occur next.

◆ Higgins Road / Huntington Boulevard

Staff is working with the Park District and IDOT to address safety concerns at the intersection. Short term changes may include signing, striping and signal timing evaluations. Long term changes will likely require IDOT pursuit of HSIP funds.

ADDITIONAL PROJECTS:**COORDINATION****◆ CN Noise Mitigation Program and Related CN Projects**

The Village Board approved a noise mitigation program on April 1st. The program will start on April 15th. County staff is preparing an intergovernmental agreement applicable to the Bridlewood subdivision. This will be presented to the Village Board when provided by the County.

◆ O'Hare Noise Compatibility Commission

No new information.

NEW DEVELOPMENTS**◆ Traffic data, site plans, and inspections are occurring for the following projects:**

Bradwell Road residential

Serta parking lot expansion

Various smaller projects and permit applications

TRAFFIC STUDIES / OTHER**◆ Resident requests for traffic analysis underway include:**

- Blind Pedestrians Sign – Plymouth Road
- No U-turn Sign – Kensington at Muir School
- No Parking modifications – on Bode at Evanston
- No Parking – Partridge Hill Drive
- No Parking – Pebble Beach Court
- Speeding – Fox Path Lane
- Speeding – Illinois Boulevard
- Speeding – Winston Drive
- Stop Sign – Nicholson and McDonough
- Stop Sign – Partridge Hill
- Traffic Restrictions – Moon Lake Boulevard



Michael Hankey, P.E.

Director of Transportation and Engineering Division