

AGENDA
TRANSPORTATION AND ROAD IMPROVEMENT COMMITTEE
Village of Hoffman Estates
April 11, 2016

Immediately Following General Administration and Personnel

Members:	Gary Stanton, Chairperson	Anna Newell, Trustee
	Karen Mills, Vice Chairperson	Gary Pilafas, Trustee
	Gayle Vandenberg, Trustee	Michael Gaeta, Trustee
		William McLeod, Mayor

I. Roll Call

II. Approval of Minutes – March 14, 2016

NEW BUSINESS

1. 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 14, 2016

I. Roll Call

Members in Attendance:

**Trustee Gary Stanton, Chairperson
Trustee Karen Mills, Vice Chairperson
Trustee Gayle Vandenberg
Trustee Anna Newell
Trustee Gary Pilafas
Trustee Michael Gaeta
Mayor William D. McLeod**

**Management Team Members
in Attendance:**

**Jim Norris, Village Manager
Dan O'Malley, Deputy Village Manager
Mark Koplun, Asst. Vlg. Mgr. – Dev. Services
Rachel Musiala, Finance Director
Kevin Kramer, Economic Dev. Coord.
Mike Hankey, Director of Transportation
Patrick Seger, Director of HRM
Jeff Jorian, Fire Chief
Fred Besenhoffer, IS Director
Joe Nebel, Dir. Of Public Works
Monica Saavedra, Dir. HHS
Ashley Monroe, Asst. to Village Manager
Austin Pollack, Administration Intern
Bruce Anderson, CATV Coordinator
Ben Gibbs, GM of Sears Centre Arena
Patti Cross, Asst. Corporation Counsel**

The Transportation & Road Improvement Committee meeting was called to order at 8:12 p.m.

II. Approval of Minutes

Motion by Trustee Gaeta, seconded by Trustee Vandenberg, to approve the Transportation & Road Improvement Committee meeting minutes of February 8, 2016. Voice vote taken. All ayes. Two abstentions. Motion carried.

NEW BUSINESS

1. **Request authorization to approve Supplement #3 to the contract with Crawford, Murphy, and Tilly, Inc. of Aurora, IL for additional design and engineering services of the Barrington Road interchange at a cost not to exceed \$413,120.**

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

Mr. Hankey provide further explanation of the supplement.

Motion by Trustee Gaeta, seconded by Mayor McLeod, to approve Supplement #3 to the contract with Crawford, Murphy, and Tilly, Inc. of Aurora, IL for additional design and engineering services of the Barrington Road interchange at a cost not to exceed \$413,120. Voice vote taken. All ayes. Motion carried.

2. Request acceptance of the Transportation Division Monthly Report.

The Transportation Division Monthly Report was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Vandenberg, to accept 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 Gaeta, seconded by Trustee Vandenberg, to adjourn the meeting at 8:16 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Jennifer Djordjevic, Director of Operations
& Outreach / Office of the Mayor and Board

Date

TRANSPORTATION AND ENGINEERING DIVISION DEPARTMENT OF DEVELOPMENT SERVICES

MONTHLY REPORT APRIL 2016

ROAD PROJECTS

◆ **Barrington Road Interchange**

The interchange work was broken into two separate contracts by the Tollway. The first contract was the removal and replacement of the Barrington Road bridge. This work is essentially complete. The second contract includes Barrington Road widening as well as construction of the new interchange ramps. Lighting on the bridge and its approaches will be done as part of the Barrington Road contract scope. Pace facilities at the interchange, discussed later in this report, are integrated with the Barrington Road full interchange project. Some elements such as path and sidewalk connections to the transit components are included with the interchange and mainline work while others will be completed under contracts by Pace.

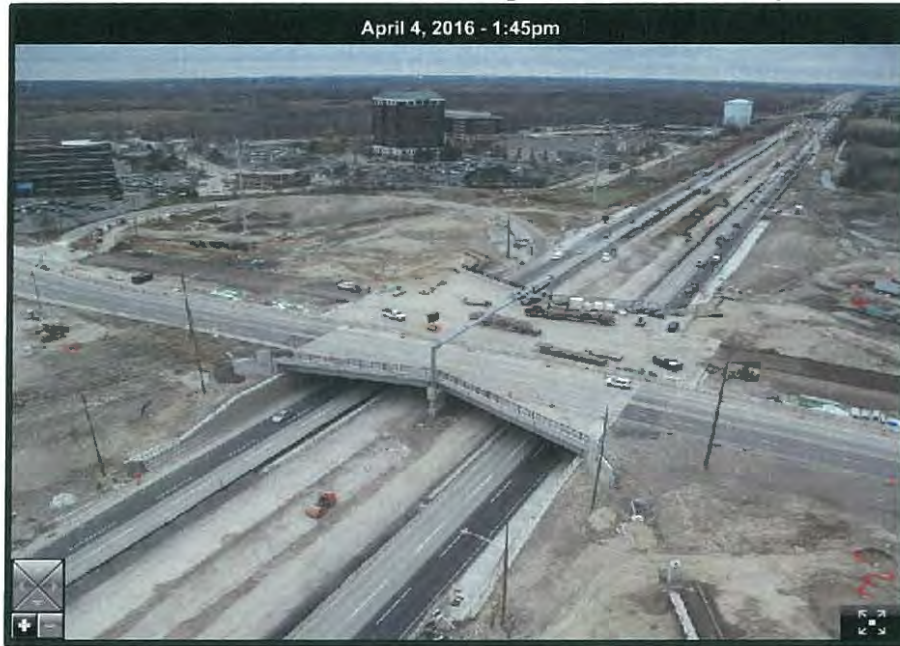
Work is ongoing for widening Barrington Road, building the new ramps, and related infrastructure for the full interchange. Electrical and grading work is occurring near the Hassell Road intersection with lane closures on Barrington Road and the Hassell Road extension. The retaining wall along The Assembly property is under construction as is excavation for the path on the west side of Barrington Road from the Hassell extension to Higgins Road. The southbound Barrington Road to eastbound I-90 loop ramp is closed through May for paving of the new southbound lanes on Barrington Road. A detour using Higgins, Golf, and Roselle Roads has been posted. Pavement removal through the ramp entrance has started in order to prepare the base for paving. Greenspoint Parkway is under construction for the relocation of the JAWA watermain and construction of the new eastbound exit ramp. Grading and earthwork for the new ramps on the east side of the bridge is ongoing. Retaining wall is under construction for the new westbound exit ramp. Plote's temporary concrete batch plant is still operating in the northeast quadrant of the interchange for mainline and cross road work. Pace needs to coordinate the construction of the Park-n-Ride in this area with the Tollway and its contractors. The batch plant location will conflict with construction plans for the Park-n-Ride.

The precast concrete sections of the pedestrian way below the new eastbound entrance ramp are in place and earthwork is continuing. This will be the pedestrian connection to the I-90 bus stop from the Kiss-n-Ride off Pembroke Avenue to be built by Pace. Work is occurring on the pedestrian pass through under the westbound exit ramp to connect the I-90 bus stop to the Pace Park-n-Ride area on the north side of I-90. Storm sewer installation in the median of I-90 is underway. The center column support for the new pedestrian bridge was completed as part of the Tollway's mainline contract. Work will begin on the new ramps to and from the west through later in 2016.

Some daytime, off-peak lane closures continue to occur for Barrington Road construction and on the mainline. Other periodic and longer term closures will occur as work dictates, such as on Barrington Road at Hassell Road and the eastbound loop entrance ramp. As notices of lane closures and major work are received from the Illinois Tollway, these are posted to the Village

website and the Tollway uses message boards to advise motorists. Interchange construction will be ongoing in 2016. The Tollway’s project page (www.illinoistollway.com) has time lapse photos of the interchange construction taken from the communications tower which give a perspective on progress (see samples below). Staff continues to attend Tollway coordination meetings on a regular basis.

**I-90 looking west at Barrington Road
 Bridge deck has been poured, signal monotube installed, preparation for paving of southbound lanes on Barrington Road underway.**



**I-90 looking South
 Pedestrian passage under new entrance ramp is in place as is center support for pedestrian overpass in median of I-90.**



◆ Illinois Tollway Capital Plan I-90 Widening and Reconstruction

The Illinois Tollway continues reconstruction and widening on I-90 east of Elgin to I-294. For the majority of this length, traffic has been shifted to the new outside pavement areas. Removal of the old median barrier has been completed with pavement removal followed by storm sewer and grading work in the center part of the roadway underway. Retaining wall installation continues along with other grading and utility work on the outside portions of the Tollway property. Some evening, overnight, and weekend work may be done by the Tollway as needed and to minimize traffic impacts during the day. Lane closures and shifts will continue and may occur with minimal notice from the Tollway. Message boards are used by the Tollway to notify drivers of upcoming changes in traffic patterns. Work on crossroad bridges is described below – please note that dates and schedules are subject to change by the Illinois Tollway and its contractors and most work is weather dependent.

Higgins Road Bridge: Two-way traffic is on the new westbound bridge. Rebar has been placed and paving is set to begin in the near future. Grading and preparation of the subbase on Higgins Road on both approaches to the bridge is advancing. Following significant utility delays early on, overall completion is expected later in 2016.

Barrington Road Bridge: Traffic on Barrington Road is operating on the eastern half of the new bridge as the contractor is working on the western half of the road. Barrington Road is reduced to two lanes in each direction. As the work progresses, there will be continued shifts of traffic to accommodate the construction zone as it progresses across the bridge. On occasion, daytime off-peak and overnight lane closures will be required. Once the approach pavements on each end of the bridge are complete, traffic will be shifted to allow for reconstruction of the northbound lanes on Barrington Road.

Roselle Road Bridge: Traffic on Roselle Road has been shifted to the east half of the new bridge. The west half of the bridge has been removed and construction of the new deck is underway as the beams have just been placed. New Roselle Road pavement has been poured north and south of I-90. Roselle Road is reduced to two thru-lanes of traffic in each direction, although due to the construction staging there will be times when only a single lane is open. Work on the Roselle Road bridge will continue through 2016. A separate but related project will make changes to Central Road for the new westbound entrance ramp for the Roselle Road interchange. Cook County, the Illinois Tollway, and Schaumburg are working on the plans for this project which is expected to start in 2016.

The Illinois Tollway posts information on its webpage (www.illinoistollway.com) for the I-90 construction work. The Illinois Tollway, its consultants and contractors hold coordination meetings for the various projects. Village staff attends these status meetings as needed to stay current with upcoming project work. Links to the Illinois Tollway information are provided on the Village website.

◆ Shoe Factory Road - Cook County

Civiltech has completed its work on the appraisals for various properties to be acquired by Cook County for the project. The County now has all the information needed to advance to negotiations and acquisition. Pre-final plans were submitted to utility companies, in particular to ComEd which is affected to the greatest degree. Coordination meetings with the other utility

companies are planned over coming months. Cook County has shifted their funding out several years for construction. Discussions with Cook County are planned to determine if there is any flexibility in their schedule. Cook County stated they are moving ahead with the right of way process. An agenda item on Civiltech's Phase II contract supplement could be presented to the Committee in coming months pending final sign off by County staff. The supplement is required due to the amount of time that has passed while the County has been reviewing plans, determining funding availability, and adjusting its schedule for construction. The timing of construction will depend upon the duration of the right of way process, project funding availability, Cook County's programming of funds, and the County's approval of final plans. An option the Village may pursue is to proceed with reconstruction of Beverly Road separately and in advance of the main Shoe Factory Road project. The work would have to be done in such a way as to be compatible with the future improvements at the Shoe Factory Road intersection.

◆ **Algonquin Road at Barrington Road – Westbound Right Turn Lane**

IDOT started a project to add a westbound right turn lane on Algonquin Road at Barrington Road. The scope also includes some pavement patching and traffic signal upgrades. Work is expected to occur as weather permits.

◆ **Golf Road – Rohrssen Road to Barrington Road**

IDOT is finalizing plans for a safety project on Golf Road from roughly Rohrssen Road to west of Barrington Road. The State's bid opening was in March 2016; the project will likely begin in late spring or early summer. The scope includes shoulder widening plus shoulder and centerline rumble strips to address a history of run-off-the-road crashes. The project scope also includes traffic signal upgrades on Golf Road at IL 59 and Bartlett Road. Staff provided comments on the use of rumble strips near residential areas, suggesting that the limits be adjusted and / or the rumble strips be shifted farther onto the shoulder. The scope of the State's work includes installation of a southbound right turn lane on IL 59 at Golf Road which will impact the Village's red light camera equipment. As Village Opticom equipment is located on the State signals, an intergovernmental agreement was approved by the Village Board to cover Village Opticom costs.

◆ **Barrington Road – Algonquin Road to Mundhank Road**

IDOT has initiated a Phase I study of Barrington Road between Algonquin Road and Mundhank Road. The study is in its early stages, seeking definition on problems and goals within this section. IDOT formed a Community Advisory Group of various representatives. Staff from Fire and Transportation / Engineering will serve on the advisory group. IDOT does not have funding identified for future engineering phases or construction at this time. The Village requested IDOT's consideration of extending the study limits south to Central Road to evaluate initial designs for an off-street path to link with the interchange area improvements. South Barrington submitted a similar request. IDOT recently concurred with extending the study limits for the multipurpose path. The Phase I engineering will be completed for a continuous path which would better position the project for future federal funding. Commitments to fund the local match and accept maintenance responsibility for the path will be required at the time the project moves into Phase II design. At present, this stage of project development is not programmed for funding by IDOT.

GRANT PROJECTS

◆ **Bode Road Surface Transportation Program Project**

Work is essentially complete with punchlist corrections to be done in the spring followed by closeout of project documentation by Hancock Engineering.

◆ **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. The Park District and Forest Preserve are financial partners with the Village on the engineering and construction of the project.

Status: Following repeated efforts by a variety of individuals and agencies, CN recently replied that they are working on details needed for the design to move ahead. Upon receipt of the information, TranSystems will be able to submit the Phase I documents to IDOT for review. Other property easements and accommodations for the path are ongoing. Environmental studies, wetland delineation, and related documents have been submitted to IDOT. Some additional consultant services for environmental analysis under the Tollway bridge are expected to account for the work done by the Tollway for the railroad bridge replacement.

Next Steps: Submit project development report to IDOT for review once the CN requirements are received. Process documents required for portion of path to be located in CN right of way. Timing is dependent upon receipt of information from CN.

◆ **Surface Transportation Program Resurfacing Projects**

Resurfacing of Hillcrest Boulevard from Jones Road to Roselle Road along with Moon Lake Boulevard between Golf and Higgins Roads are on the IDOT letting schedule in April. Staff prepared all plans and supporting documents in house. The basic scope is resurfacing and sidewalk repairs / replacement. In addition, curb extensions will be installed on Hillcrest Boulevard at Fremont Road and on-street bicycle lanes will be included with the Moon Lake work. ERA Consultants, Inc. has been hired to do the Phase III engineering similar to what was done for the Bode Road project. The Northwest Municipal Conference also approved moving the two other Village STP resurfacing streets into the 2017 program year. Bode Road from Roselle Road to Bode Circle East and Harmon Boulevard from Golf Road to Bode Road are planned for resurfacing next year. Staff will begin development of plans and documents for these 2017 streets but may need consultant assistance depending on workloads. A consultant will be hired to manage the STP resurfacing project next year as is the case for 2016. STP funding provides 80% of the construction and construction engineering cost. This is a competitive grant program administered by the Northwest Municipal Conference.

BIKE / PEDESTRIAN PROJECTS

◆ Bicycle Planning / Bicycle Pedestrian and Advisory Committee

Updates on current projects, formulation of ideas for annual activities, and a review of priority projects are planned for the next meeting of the Bicycle and Pedestrian Advisory Committee. Work on updating the Bicycle Plan, which is five years old, plus adding pedestrian components, could be major points of interest for the group. The next meeting will be planned as schedules allow with a focus on future activities.

◆ Central Road Bicycle Path Project Proposal

A portion of the path at the east end is to be constructed with the Trumpf project. The alignment of a path along Central Road from the Huntington intersection linking to Forest Preserve path on the east to the Pace Park-n-Ride on the west is the preferred routing. Development of a request for proposals for Phase I engineering services will be pursued for the balance of the path with the goal of positioning the project for a future call for CMAQ / TAP projects. However, funding will be needed for Phase I as this is not covered by the CMAP program.

◆ Huntington Boulevard Right of Way Bicycle Path Project Proposal

Use of the vacant public right of way for Huntington Boulevard between Higgins Road and Golf Road will be investigated in more detail. The project should be eligible for federal funding if Phase I engineering is completed. Funding for Phase I outside of the federal process is needed. Establishing a bicycle facility in this right of way would complete the system link between the newly designated bicycle lanes on Huntington Boulevard north of Higgins Road and the existing bicycle route on Harmon Boulevard which links to the Bode Road bicycle path. Development of a request for proposals for Phase I engineering services will be pursued with the goal of positioning the project for a future call for CMAQ / TAP projects.

◆ CMAP Bicycle Feasibility Study – Crabtree to Fox River

The consultant has completed the final report. Three general corridors were identified to be pursued. One is a connection along Barrington Road from Algonquin Road to Hassell Road then via the Poplar Creek trail to the Fox River. A meeting with CMAP and the Northwest Municipal Conference was held to discuss possible next steps towards engineering phases. IDOT has started a separate project to investigate widening Barrington Road between Mundhank and Algonquin Roads; this has some opportunities for completing portions of the path. Participation by South Barrington will be needed and is currently being explored by its staff. The Village requested that IDOT consider expanding the scope of services to include the design of the path between Mundhank and Central Roads too. IDOT approved the request for the expanded project limits.

TRANSIT

◆ Taxi Discount Program

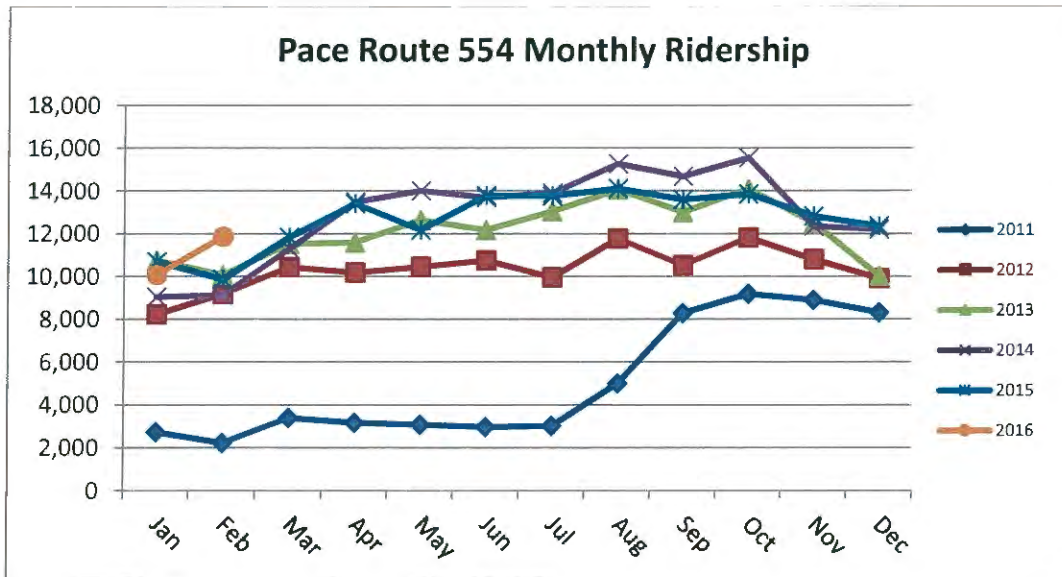
The new coupons valued at \$7 each are being distributed to program registrants. The new income criteria are also in effect. All three taxi companies have re-signed agreements to continue participation with the new program changes. Registration is ongoing with identification cards and coupons sent to residents. To date, a total of 489 residents have registered for the program. Coupons redeemed to date in 2016 total 742 which covers through

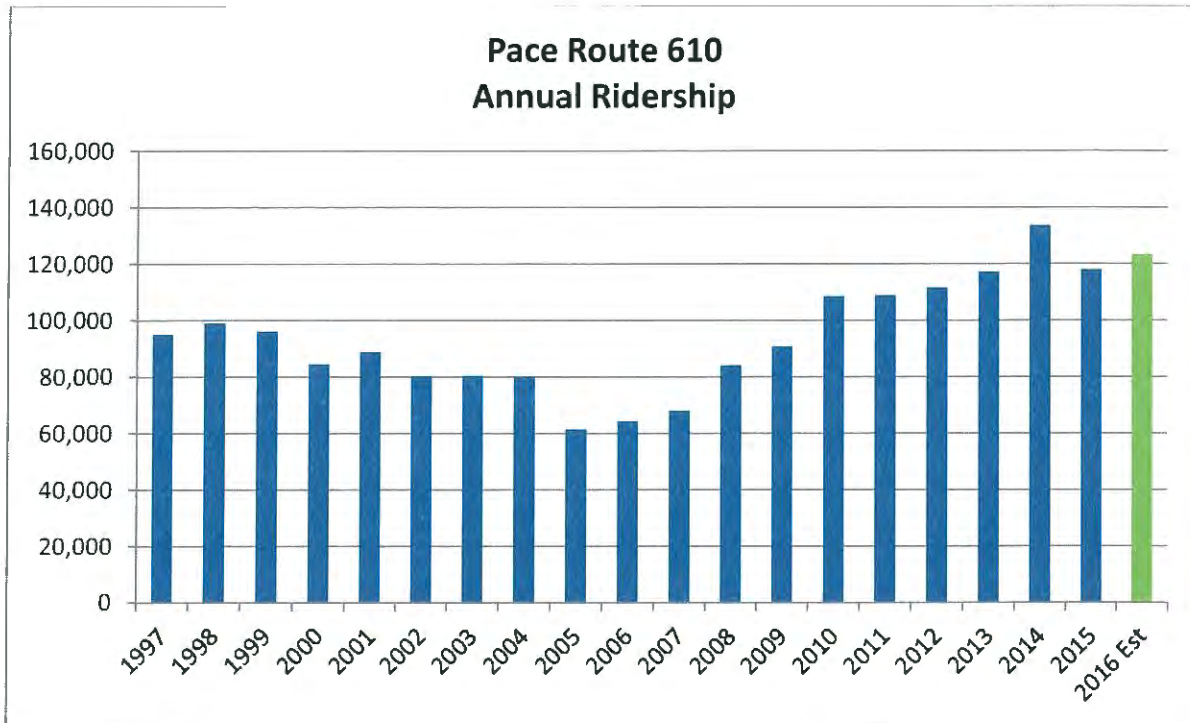
mid March. Registration remains positive due in part to advertisement in the *Citizen* newsletter throughout the year. Coupon use, program costs, and registration will be monitored in an attempt to gauge the impacts of the increase in coupon value and the broadening of qualifying income criteria.



◆ **Pace Route 554**

The most recent data from February 2016 showed an average weekday ridership of 537 per weekday and a Saturday average of 280 riders per day. The monthly level of use is higher than 2015 as is the year to date total. The long term yearly trend remains positive.





◆ **Transit Improvement Task Force**

A meeting with Higgins Education Center staff was held in early March. The goal was to gain a full understanding of program offerings. Follow-up items include preparing a survey for Center staff to use to determine potential interest in some form of transit service for program attendees and meeting with Pace representatives. Staff attended a resource fair on April 6 to provide information and discuss the taxi program. Updates will be presented to the Task Force in the near future on findings from the Pace / RTA feeder service study. Various topics continue to be researched for the Task Force including wheelchair lift-equipped options for the taxi program, review of Park-n-Ride plans, and community outreach. Ongoing coordination with transit agencies, local agencies, and employers will occur. The next meeting will be planned for the next couple of months or as needed.

◆ **Pace I-90 Corridor Plans / Park-n-Ride Plans**

Components of transit facilities are being built with various parts of the Barrington Road interchange and I-90 mainline projects. Bus access connections to / from the interchange ramps and turnout areas are part of the mainline contract. Pace will initiate new express based I-90 service with a station at Barrington Road around the end of 2016. The pedestrian ways under the ramps on the east side of Barrington Road are included with the interchange construction. Pace is nearing completion of its plans for the Park-n-Ride on the north side of I-90 and a Kiss-n-Ride area to the south as a separate project. Discussion with Pace has occurred regarding access easements with ComEd for the Kiss-n-Ride on Pembroke Avenue. Staff is also reviewing public safety issues such as emergency response and reporting responsibilities for the Park-n-Ride / Kiss-n-Ride facilities.

◆ Pace I-90 Pedestrian Overpass

CMT is finalizing construction plans for the overpass of I-90 for the Pace express bus stops. The goal is to complete construction by early in 2017. The center support for the pedestrian bridge was constructed as an add-on to the mainline contract.

◆ Pace Shuttle Service for I-90 Express Stops

Pace and RTA are completing an evaluation of how to provide connecting service to the I-90 express bus stops. Residential and business locations in the vicinity of the Barrington Road interchange are the focus of this work. An initial evaluation of possible service options is expected in the next month. Extensive outreach was conducted by the Village to solicit input on the I-90 express bus stops and a shuttle bus operation. Major employers and residential areas near Barrington Road received invitations for employees to participate in surveys to gauge interest. A follow-up meeting with interested employers was held to provide a status report. Meetings and correspondence with individual employers has occurred and is expected to continue. Findings will be shared with the Transit Improvement Task Force closer to when the findings are more complete.

TRAFFIC SIGNALS**◆ Roselle Road Traffic Signal**

The traffic signal equipment has been installed by Alliance Contractors. Stop bars need to be placed on Roselle Road for the new signal; weather conditions and the scheduled turn-on date will determine when this work occurs. It is hoped this will occur in the near future.

COORDINATION**◆ O'Hare Noise Compatibility Commission**

The extension of the IGA with Chicago was approved. Staff will attend committee meetings as schedules allow.

◆ CMAP ON TO 2050 Long Range Plan

Staff attended a kickoff meeting for CMAP's long range plan development. The group is currently seeking input on issues from agencies and the public. The breadth of the plan covers everything from transportation to water quality to housing. Information on how to participate and provide input is being posted to the Village website and will be included in a future *Citizen* newsletter. CMAP's schedule is to complete the plan by the end of 2018. The link to their website is <http://www.cmap.illinois.gov/about/involvement> for details on how to participate.

OTHER ACTIVITIES

- ◆ Traffic data, site plans, and inspections are ongoing for a variety of projects which are in the early stages of project development and review.
- ◆ Various smaller site modifications and permits for parking lot sealcoating, striping, patching are underway.
- ◆ Several residential traffic studies are underway.



Michael Hankey, P.E.

Director of Transportation and Engineering Division