

AGENDA
TRANSPORTATION AND ROAD IMPROVEMENT COMMITTEE
Village of Hoffman Estates
January 13, 2014

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 – December 9, 2013

NEW BUSINESS

1. Request authorization to award the contract for completion of Phase II engineering services for the Bode Road reconstruction project to HR Green, Inc. of McHenry, IL in an amount not to exceed \$56,984.05.
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**

December 9, 2013

I. Roll Call

Members in Attendance:

**Gary Stanton, Chairperson
Karen Mills, Vice Chairperson
Gayle Vandenberg, Trustee
Anna Newell, Trustee
Gary Pilafas, Trustee
Michael Gaeta, Trustee
William McLeod, Village President**

**Management Team Members
in Attendance:**

**Jim Norris, Village Manager
Arthur Janura, Corporation Counsel
Mark Koplin, Asst. Vlg. Mgr., Dev. Services
Peter Gugliotta, Director of Planning
Mike Hankey, Director of Transportation
Patrick Seger, Human Resource Mgmt .Dir.
Greg Schuldt, Deputy Fire Chief
Michael Hish, Police Chief
Algean Garner, Director of HHS
Joe Nebel, Director of Public Works
Rachel Musiala, Director of Finance
Doug Schultz, Community Relations Coord.
Ben Gibbs, Sears Centre
Patricia Cross, Asst. Corp. Counsel
Bruce Anderson, Cable TV Coordinator**

Others in Attendance:

Reporter from the *Daily Herald*

The Transportation & Road Improvement Committee meeting was called to order at 7:35 p.m.

II. Approval of Minutes

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

NEW BUSINESS

1. Request acceptance of Transportation Division Monthly Report.

The Transportation Division Monthly Report was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Pilafas, 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 Mills, seconded by Trustee Pilafas, to adjourn the meeting at 7:36 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Debbie Schoop, Executive Asst.

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to award the contract for completion of Phase II engineering services for the Bode Road reconstruction project to HR Green, Inc. of McHenry, IL in an amount not to exceed \$56,984.05.

MEETING DATE: January 13, 2014

COMMITTEE: Transportation and Road Improvement Committee

FROM: Michael Hankey

PURPOSE: Request authorization to award the contract with HR Green, Inc. for engineering services to complete Phase II design plans for the Bode Road reconstruction project in an amount not to exceed \$56,984.05.

BACKGROUND: In November 2013, a Request for Proposals (RFP) was released by the Village for completion of Phase II engineering services for Bode Road. Village staff worked on Phase II plan documents during 2013, completing the plans and most related information to approximately the 70% level. With the increase in project scope for the Village's annual street rehabilitation program, staff time will be devoted to the annual project. As a result, proposals from engineering firms were sought to finish the Phase II design plans for Bode Road. Construction is currently anticipated in 2015 and in order to meet IDOT project schedules, consultant services were determined to be necessary to finish the plan documents started by Village staff.

The limits of work on Bode Road are from approximately Braintree Drive to Bode Circle East. The Bode Road reconstruction is part of a federal project application with the Village of Schaumburg that includes Salem Drive. Schaumburg hired its own consultants to perform Phase I and II engineering tasks. Hoffman Estates staff completed the Phase I engineering in-house. No federal funds are being used for the Village's design phase of Bode Road; however federal Surface Transportation Program funds will be used toward construction and construction engineering for Bode Road. The estimated cost of the Bode Road reconstruction is approximately \$2,500,000 with 80% of the cost coming from STP funds. The Village's local share will be funded through Motor Fuel Tax or the new street rehabilitation funding sources.

BACKGROUND: (Continued)

The proposal evaluation and selection process followed the Village's practice where federal funds are not used for engineering. This is a modified version of the Quality Based Selection (QBS) procedures. Under this method, firms submit a statement of interest along with their qualifications and proposed approach to meeting the requirements contained in the RFP. A separate sealed proposal with their proposed number of staff hours by task and associated fees is included with the proposals. The submitted proposals are evaluated initially based on the responsiveness to the request and its requirements, the experience of the team, the experience of key individuals by specific areas of expertise, work completed by the firm on similar projects, and other related factors. The best proposals based on their quality are identified for further consideration. The sealed estimates of hours and fees are then reviewed to determine which firm to recommend for the award of contract.

DISCUSSION:

In response to the RFP, ten proposals were received from consultants. Firms must be prequalified with IDOT in order to submit and receive consideration. The proposals were evaluated based on their project approach and understanding of the work items, personnel assigned to the required tasks, similar experience on other projects, project schedule, and work load of the firms. Four firms with the highest ranked proposals were identified for further review and consideration by evaluating their scope of services, proposed hours, and fees. These were Homer Chastain, Thomas Engineering, Hancock Engineering, and HR Green. All were judged to have presented proposals of similar quality and responsiveness. The hours and proposed fees were then reviewed with additional information requested from HR Green, Inc. and Homer Chastain and Associates as the two most cost effective proposals among those undergoing further review. HR Green proposed the lowest cost and fewest number of hours of the top rated proposals and is recommended for award of the contract to complete the Phase II engineering for Bode Road. HR Green previously provided preliminary engineering, final engineering, and construction engineering services to the Village for the IL 59 and Shoe Factory Road CMAQ project. Their work was completed on time and within the contract amount and the overall project was successful. Based on their positive performance, no additional reference checks were needed.

FINANCIAL IMPACT:

The estimated cost for completing the Phase II design included in the 2014 budget was \$80,000. Either Motor Fuel Tax funds or the new revenues targeted for infrastructure could be used to pay for this contract.

RECOMMENDATION:

Request authorization to award the contract for completion of Phase II engineering services for the Bode Road reconstruction project to HR Green, Inc. of McHenry, IL in an amount not to exceed \$56,984.05.

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

**MONTHLY REPORT
JANUARY 2014**

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: Consultant services will be used to finish the Phase II design plans. A recommendation for award of contract is part of the agenda this month.

Next Steps: Execute contract with selected consultant and have them begin work to complete Phase II engineering.

Funding:

Item	Total	Federal (STP)	Local (MFT)
Reconstruction	\$2,500,000	\$2,000,000	\$500,000

◆ **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: Project closeout remains. IDOT will invoice the Village for the balance of the construction share. As only final close-out remains, this project will be removed from the monthly report.

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 a new traffic signal at Huntington Boulevard.

Status: Project construction is complete. Project punch list items and closeout will continue into 2014.

Next Steps: Some landscaping installation will occur in Spring 2014 along with the project closeout.

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 majority of the striping was completed, however some stop bars and crosswalks need to be finished once weather allows.

Next Steps: Some construction items, punchlist, and project documentation will continue through the end of the year and into 2014.

Funding:

Item	Total	Federal	Local (MFT)
Construction	\$5,300,000	\$4,000,000	\$1,300,000
IDOT Bid Opening	\$4,600,000 (low bid)	\$3,680,000	\$ 920,000
Material Testing – Phase III	\$ 150,000 (est.)	\$ 120,000	\$ 30,000

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

Scope: Add right turn lanes on each leg.

Status: All work is complete.

Next Steps: The consultant staff is completing the project documentation. As only final close-out remains, this project will be removed from the monthly report.

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 was 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. As only final close-out remains, this project will be removed from the monthly report.

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 final transit study report is complete. Transit Improvement Task Force resolution was approved by the Village Board.

Next Steps: RTA staff will assist with tasks of the Village Transit Improvement 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.

Status: Kickoff meeting with agencies and consultants was held in November. IDOT meeting was held in December.

Next Steps: Data gathering is underway, FHWA coordination meeting is scheduled for January. Preliminary design work will begin.

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 an announcement of which projects are selected. In some past years, no projects were chosen due to funding.

BIKE / PEDESTRIAN PROJECTS

◆ **Bicycle Planning**

The Bicycle and Pedestrian Advisory Committee met on December 4. Topics discussed included committee membership, a review of 2013 activities and accomplishments, incorporating bike and pedestrian improvements into the annual street projects, discussion of helmet programs, and pedestrian system planning.

TRANSIT

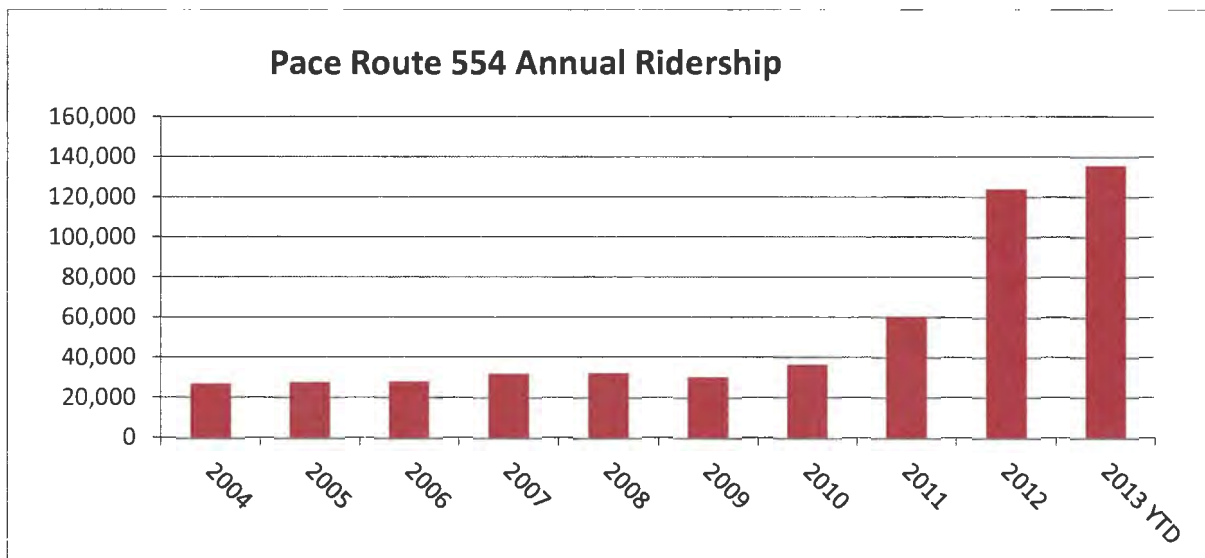
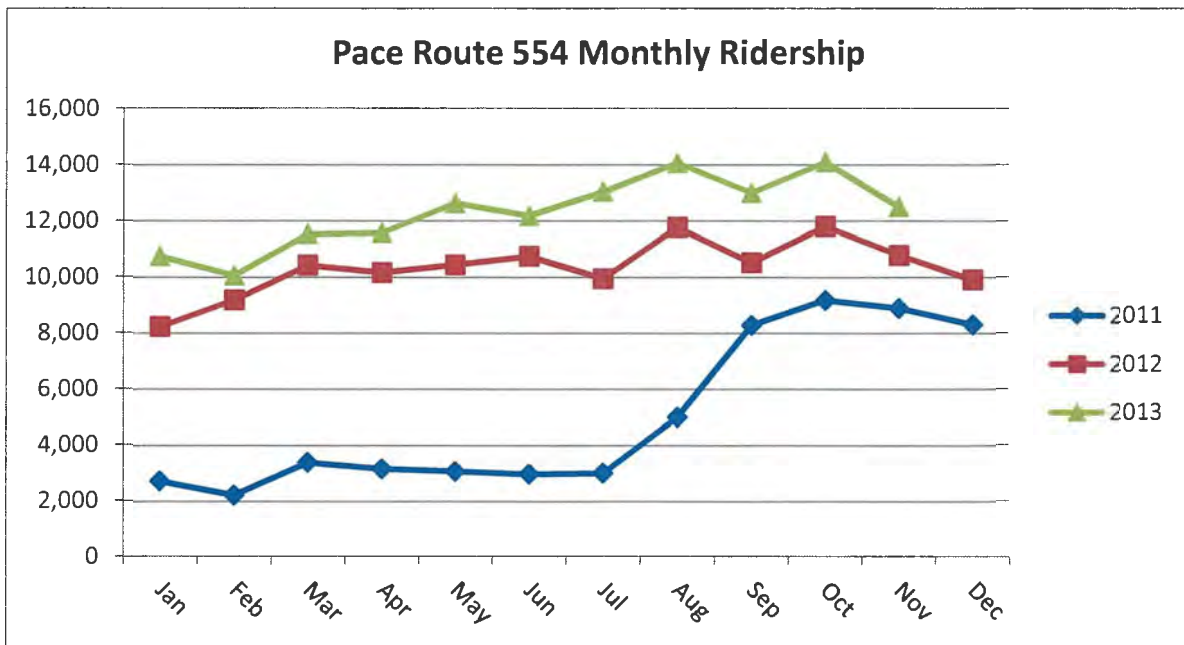
◆ **Taxi Discount Program**

Registration continues with identification cards and coupons sent to residents. To date, a total of 403 residents have registered for the program. Coupons redeemed to date in 2013 total 4,461. Year to date usage based on coupons turned in by the taxi companies suggest an increase in annual usage of approximately 21% compared to 2012.



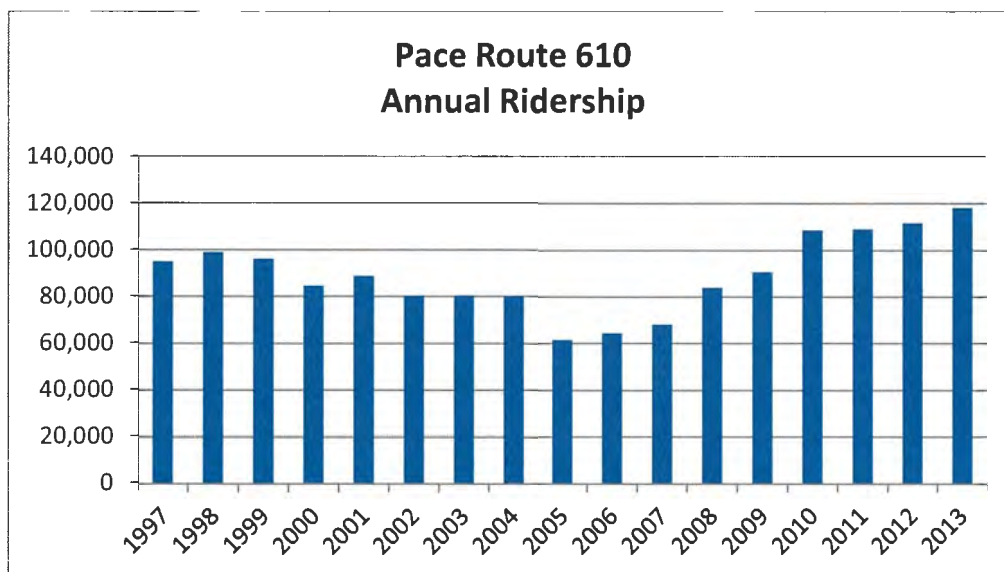
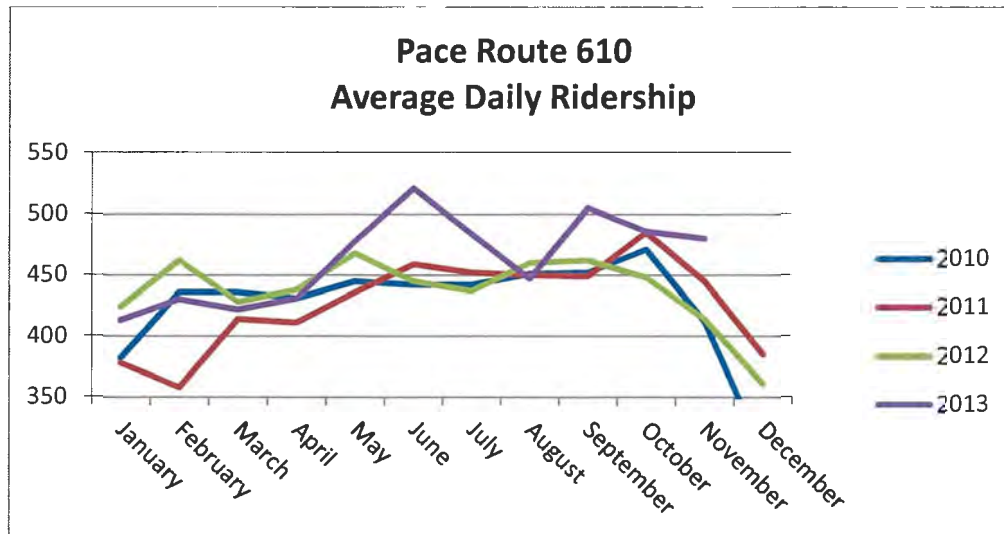
◆ **Pace Route 554**

The most recent data from November 2013 showed an average weekday ridership of 549 per weekday and a Saturday average of 304 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 Route 610**

As part of Pace’s I-90 service expansion, a temporary Park and Ride lot was established in the Sears Centre Arena lot along Pratum Avenue. On August 19, 2013, Pace started reverse trips on Route 610 to offer a new option for inbound travel in the morning and outbound in the afternoon on weekdays between Prairie Stone and the River Road CTA station. Route 610 has been in operation for a number of years and has demonstrated steady ridership levels averaging above 400 rides per day over the last several years. The charts below provide a history of Route 610 use and a benchmark for comparison before and after service to the Park and Ride lot began. It will likely take some time before meaningful assessments of the Park and Ride usage can be made.



◆ **Pace I-90 Corridor Plans**

Pace is working with the Illinois Tollway to build off the transit concept identified during the Phase I engineering for the Barrington Road interchange. The design and construction of a Park and Ride lot at Barrington Road and I-90, transit facilities, and access will be developed separately from the interchange design work. Pace and the Illinois Tollway will determine the construction timeline and coordinate with the Village and other agencies as needed. Once the Park and Ride is established at Barrington Road, start-up of a local service option for access to and from the Park and Ride area is likely to be created by Pace. Village staff will stay involved through the Transit Improvement Task Force and other opportunities.

ROAD PROJECTS

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

CMT continues work on completion of the Phase I engineering expected to continue through early 2014. A Public Hearing was held on November 21 to receive final input on the

preferred interchange alternative and transit component. Design approval for Phase I is expected by early 2014 which will complete the preliminary engineering phase. Design engineering work on Phase II continues with final plans for the Barrington Road bridge submitted to the Tollway in December. Bridge aesthetic features as directed by the Village Board were incorporated into the final design plans. The Tollway currently expects a bid opening for the bridge work in mid-February, with work starting in approximately May. The bridge work will last until mid-2015. The Tollway and Village are sharing the cost of Phase II engineering. The design for the interchange ramps and Barrington Road widening is expected to be complete in late 2014 to coincide with the timing of the reconstruction and widening of I-90 in 2015-16. Discussions continue on completing the financing package for construction.

Funding:

Item	Total	State	Tollway	Local
Engineering – Phase I	\$2,000,000	\$1,000,000	-	\$1,000,000
Engineering – Phase II	\$3,500,000	-	\$1,750,000	\$1,750,000

◆ **Illinois Tollway Capital Plan I-90 Widening and Reconstruction**

The Illinois Tollway continues mainline work on I-90 west of Elgin. This work will be completed in 2014. The portion of I-90 east of Elgin is in the design phase now with initial construction in 2014 and mainline work occurring in 2015-16. Some advance work on the eastern section started in 2013 and will continue in 2014. 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. 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. Coordination with the Barrington Road Interchange project is essential and ongoing. A review of the need for noise wall is being conducted as part of the Tollway’s design assessment. Primary preparatory work in advance of mainline construction is expected to occur in 2014, consisting of retaining wall, noise wall, utility adjustments and extensions. Bridges crossing the Tollway will be rebuilt and repaired in 2014. The Beverly Road bridge deck will receive some minor repairs while the Bartlett Road bridge will be replaced. The bridges on Higgins Road over the Tollway will be replaced as will the Roselle Road bridge. The elevation of most bridges will be raised to provide adequate clearance over the newly rebuilt lanes on I-90.

◆ **Shoe Factory Road - Cook County**

Civiltech, the Village’s consultant, submitted pre-final plans to the County in Spring 2013. Work on right of way continues with the consultant performing survey and creating plats and legal documents. The County will then handle right of way appraisals and negotiations while Civiltech will prepare the plats and legal documents. The timing of construction will depend upon the duration of the right of way process, project funding, and approval of final plans. Outreach was made to the County to determine the status of their review of the pre-final plans which found their review ongoing.

TRAFFIC SIGNALS

◆ **Roselle Road Traffic Signal**

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 final signal plans to Cook County and IDOT for review in December.

ADDITIONAL PROJECTS:

COORDINATION

◆ **CN Noise Mitigation Program and Related CN Projects**

The Village Board approved a noise mitigation program on April 1, 2013. The program started on April 15 and will last through April 2015. Information on products and contractors licensed in the Village has been posted to the Village webpage. Staff is reviewing, researching, and responding to questions from residents and contractors as the reimbursement program gets started. The table summarizes activity as of this month. Applications approved may not equal the number submitted if the staff technical review has not been completed. Reimbursements are made only after work has been completed, inspected, and approved. A semi-annual report as stipulated in the noise mitigation agreement with CN was submitted covering the period from April 15 to October 15, 2013.

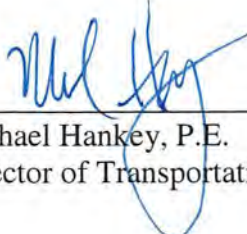
CN Noise Mitigation Reimbursement Program Status - January 2014			
Subdivision	# of Applications Submitted	# of Applications Approved	# of Reimbursements Paid
Bridlewood	14	14	10
Deer Crossing	16	16	12
Winding Trails / Hunters Ridge	45	45	38

◆ **O'Hare Noise Compatibility Commission**

Staff attended the November full Commission meeting.

NEW DEVELOPMENTS

- ◆ Traffic data, site plans, and inspections are ongoing for a variety of projects.
- ◆ Various smaller site modifications and permits for parking lot sealcoating, striping, patching are underway.



 Michael Hankey, P.E.
 Director of Transportation and Engineering Division