

AGENDA
TRANSPORTATION AND ROAD IMPROVEMENT COMMITTEE
Village of Hoffman Estates
March 9, 2009

Immediately Following General Administration & Personnel Committee

Members: Ray Kincaid, Chairperson
Gary Pilafas, Vice Chairperson
Karen Mills, Trustee

I. Roll Call

II. Approval of Minutes – February 16, 2009
February 23, 2009 (Special)

NEW BUSINESS

1. Request award of professional service contract for traffic signal design and inspection at Higgins Road and Prairie Stone Parkway to V3 Companies of Woodridge, Illinois at a cost not to exceed \$61,113.54.
2. Request acceptance of Transportation Division Monthly Report.

III. President's Report

IV. Other

V. Items in Review

1. Discussion regarding lead agency for Barrington Road Interchange.

VI. Adjournment

**TRANSPORTATION & ROAD IMPROVEMENT
COMMITTEE MEETING MINUTES**

February 16, 2009

I. Roll Call

Members in Attendance:

**Ray Kincaid, Chairman
Gary Pilafas, Vice-Chairperson
Karen Mills, Trustee**

**Other Corporate Authorities
in Attendance:**

**Trustee Cary Collins
Trustee Jackie Green
Trustee Anna Newell
Mayor William McLeod**

**Management Team Members
in Attendance:**

**James Norris, Village Manager
Dan O'Malley, Deputy Village Manager
Molly Norton, Asst. to Village Manager
Arthur Janura, Corporation Counsel
Mark Koplun, Asst. Vlg. Mgr., Dev. Services
Rachel Musiala, Asst. Director of Finance
Clint Herdegen, Police Chief
Bob Gorvett, Fire Chief
Algean Garner, Health & Human Services
Don Plass, Director of Code Enforcement
Mike Hankey, Director of Transportation
Pete Gugliotta, Director of Planning
Gordon Eaken, Director of IS
Gary Skoog, Economic Development
Rebecca Suhajda, Administrative Intern
Bruce Anderson, CATV Coordinator**

Others in Attendance

Reporters from Daily Herald, Chicago Tribune

The Transportation and Road Improvement Committee meeting was called to order at 6:30 p.m.

II. Approval of Minutes

Trustee Mills indicated that she was absent from the January 12, 2008 Committee meeting and to change the minutes to reflect her absence.

Motion by Trustee Collins, seconded by Trustee Pilafas, to approve the Transportation & Road Improvement Committee meeting minutes of January 12, 2008. Voice vote taken. All ayes (Abstain – Mills). Motion carried.

NEW BUSINESS

- 1. Request approval of a letter of intent with IDOT for improvements at the Higgins Road/Governors Lane/Moon Lake Boulevard intersection.**

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

Trustee Pilafas inquired about this section of roadway being a candidate for the bike path and questioned whether it was being considered when the improvements take place. Mr. Hankey responded that IDOT is aware.

Trustee Mills stated that she hoped the improvements happen quickly as there continues to be a number of accidents at Higgins/Governors and that a right-hand turn lane is needed from Higgins onto Governors.

Motion by Trustee Collins, seconded by Trustee Pilafas, to approve letter of intent with IDOT for improvements at the Higgins Road/Governors Lane/Moon Lake Boulevard intersection. Voice vote taken. All ayes. Motion carried.

- 2. Request approval for an IDOT Resolution to appropriate Motor Fuel Tax Funds for the 2009 Traffic Signal Maintenance in an amount not to exceed \$65,000.**

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

Motion by Trustee Collins, seconded by Trustee Mills, to approve an IDOT resolution to appropriate Motor Fuel Tax funds for the 2009 traffic signal maintenance in an amount not to exceed \$65,000. Voice vote taken. All ayes. Motion carried.

- 3. Request approval for an IDOT Resolution to appropriate Motor Fuel Tax Funds for the 2009 Street Revitalization Project in an amount not to exceed \$1,230,000.**

An item summary sheet from Marty Salerno was presented to Committee.

Motion by Trustee Mills, seconded by Mayor McLeod, to approve an IDOT resolution to appropriate Motor Fuel Tax funds for the 2009 street revitalization project in an amount not to exceed \$1,230,000. Voice vote taken. All ayes. Motion carried.

- 4. Request approval of an agreement and plans prepared by IDOT for modernizing traffic signals on Golf Road at Roselle Road and Higgins Road at Roselle Road.**

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

Trustee Kincaid inquired if there were plans to upgrade the signals at Golf and Higgins at Gannon Drive since the high school is there. Mr. Hankey stated that he would check with IDOT.

Motion by Trustee Mills, seconded by Trustee Pilafas, to approve an agreement and plans prepared by IDOT for modernizing traffic signals on Golf Road at Roselle Road and Higgins Road at Roselle Road. Voice vote taken. All ayes. Motion carried.

5. Request acceptance of Transportation Division Monthly Report.

The Transportation Division Monthly Report was submitted to the Committee.

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

III. President's Report

IV. Other

V. Items in Review

1. Discussion regarding lead agency for Barrington Road interchange.

VI. Adjournment

Motion by Trustee Collins, seconded by Trustee Pilafas, to adjourn the meeting at 6:37 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Debbie Schoop, Executive Assistant

Date

Village of Hoffman Estates

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

February 23, 2009

I. Roll Call

Members in Attendance:

**Trustee Ray Kincaid, Chair
Gary Pilafas, Vice Chair**

**Other Corporate Authorities
in Attendance:**

**Trustee Jackie Green
Trustee Anna Newell
Village President William McLeod**

Bev Romanoff, Village Clerk

**Management Team
in Attendance:**

**James H. Norris, Village Manager
Arthur L. Janura Jr., Corporation Counsel
Dan O'Malley, Deputy Village Manager
Michael DuCharme, Director of Finance
Algean Garner, Director of Health & Human Services
Robert Gorvett, Fire Chief
Kenneth Hari, Director of Public Works
Clint Herdegen, Chief of Police
Molly Norton, Assistant to the Village Manager
Gary Salavitch, Director of Engineering
Bruce Anderson, Cable TV Coordinator
Dave Christensen, Emergency Management Coordinator
Ashley Monroe, Assistant Planner
Nathan Roseberry, Traffic Engineer
Rebecca Suhajda, Administrative Intern**

Others in Attendance:

Daily Herald and Chicago Tribune

The Special Transportation & Road Improvement Committee meeting was called to order at 8:23 p.m.

It was noted that Trustee Mills was absent due to a death in the family, and Trustee Collins was out of town.

NEW BUSINESS

- 1. Request approval to submit Illinois Department of Natural Resources grant application for the Central Road Bicycle Path Project from western AT&T Center Drive to the Paul Douglas Forest Preserve path.**

A Committee Agenda Item summary sheet from Michael Hankey, Director of Transportation, and Nathan Roseberry, Traffic Engineer, was presented to the Committee.

A discussion followed in which Trustee Pilafas discussed with staff the possibility of having more bike racks installed throughout the village as part of this program.

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

**February 23, 2009
Page 2 of 2**

Motion by Trustee Pilafas, seconded by President McLeod, to grant approval to submit Illinois Department of Natural Resources grant application for the Central Road Bicycle Path Project from western AT&T Center Drive to the Paul Douglas Forest Preserve path. Voice vote taken. All ayes. Motion carried.

II. Adjournment

Motion by President McLeod, seconded by Trustee Newell, to adjourn the meeting at 8:29 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Vicki Richardson, Legislative Assistant

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request award of professional service contract for traffic signal design and inspection at Higgins Road and Prairie Stone Parkway to V3 Companies of Woodridge, Illinois at a cost not to exceed \$61,113.54.

MEETING DATE: March 9, 2009

COMMITTEE: Transportation and Road Improvement

FROM: Mike Hankey / Nathan Roseberry

PURPOSE: Request award of professional service contract for traffic signal design and inspection at Higgins Road and Prairie Stone Parkway to V3 Companies of Woodridge, Illinois at a cost not to exceed \$61,113.54.

BACKGROUND: The intersection of Higgins Road and Prairie Stone Parkway is under the jurisdiction of the Illinois Department of Transportation (IDOT). All improvements at the intersection must be approved by IDOT. In the vicinity of Prairie Stone Parkway, there are seven existing traffic signals on Higgins Road, stretching from Beverly Road to Bartlett Road. These are part of an interconnected system.

Based on a Traffic Signal Warrant Analysis completed earlier by Village staff, IDOT granted conditional approval for a traffic signal at Higgins Road and Prairie Stone Parkway based on MUTCD and Strategic Regional Arterial (SRA) traffic signal warrants. The condition is essentially that an intersection design acceptable to IDOT be developed to serve current and future traffic needs. Providing a new right turn lane for eastbound Higgins Road, potentially opening the double left turn lane from Higgins Road, and meeting IDOT Level of Service (LOS) criteria are specific examples of their conditions. In addition, the design analysis will determine if and when an additional through lane is needed on Higgins Road. If IDOT requires this, the signal project will be reassessed. The Village goal is to install the signal without additional through lanes.

The desire and need for this traffic signal has been identified in previous Prairie Stone traffic studies, the Economic Development Area (EDA) project list, and as a logical entrance into the Prairie Stone Entertainment District and for Sears Centre events. There are funds available through the EDA bond fund for design and construction of the traffic signal as long as it is completed in 2012.

DISCUSSION:

The Village solicited proposals for preliminary design, final design engineering, and construction inspection for the traffic signal at Higgins Road and Prairie Stone Parkway from fifteen engineering firms in the area. Ten of the firms provided proposals to the Village for the services. All of the firms are pre-qualified by IDOT to perform the professional services required to complete the project from preliminary engineering to final construction.

Eight of the proposals were supplied by stand alone firms and two were joint proposals from two firms working together. A summary table listing the ten proposals with number of hours and proposed costs is provided below.

Engineering Company	Hours of Work	Total Cost
Civiltech Engineering Inc.	430 ¹	\$42,912.00 ¹
Baxter & Woodman	644	\$58,192.00
V3 Companies	624	\$61,113.54
Engineering Enterprises, Inc.	259 ²	\$79,011.00
Ciorba	904	\$97,104.00
Kenig, Lindgren, O'Hara, Aboona, Inc. / Christopher Burke Engineering, Inc	1,084	\$126,000.00
Hampton Lenzini and Renwick, Inc.	1,412	\$143,609.00
TransSystems	1,444	\$144,000.30
Crawford, Murphy & Tilly, Inc.	1,495	\$149,663.00
Metro Transportation Group, Inc / Millenia Professional Service, Inc.	1,188	\$162,953.96

¹Construction Inspection hours and cost not included in proposal totals. Construction inspection would need to be negotiated in subsequent contract.

²Proposal did not include an estimate for hours of construction inspection

The recommendation by staff is to proceed with the proposal by V3 Companies. While Baxter & Woodman provided the lowest cost estimate based on a complete proposal, staff recommends the V3 proposal. The scope of V3's proposal was thorough, insightful, and provided a reasonable estimate for hours of work and contract cost. It was apparent that V3 Companies had already completed a cursory analysis of the intersection. Their proposal included some up front recommendations on the design of the intersection which should assist with expediting the design from this point forward. V3 provided reference projects in West Dundee and Elgin as examples of their work. Staff contacted both municipalities and each cited V3's quality and timely work.

The next steps of the project would be for the consultant to complete an Intersection Design Study (IDS) as the Phase I Engineering for Higgins Road and Prairie Stone. That study will outline the necessary improvements at the intersection to meet minimum Levels of Service (LOS). Because Higgins Road is a SRA, there are more stringent requirements for traffic LOS. Once the IDS is approved by IDOT, work will begin on Phase II design. Depending on review cycles with IDOT, the current schedule estimates installation of the signal in late 2010. The signal and intersection work will be done under an IDOT permit.

FINANCIAL:

The funds for the professional services and project construction will be funded 100% by EDA bond funds.

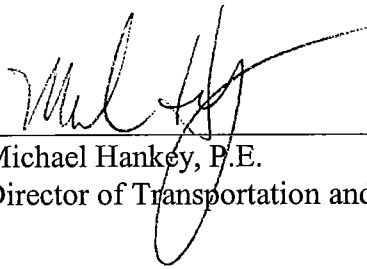
RECOMMENDATION:

Recommend award of a professional engineering service agreement with V3 Companies of Woodridge, Illinois for the Higgins Road and Prairie Stone Parkway traffic signal design and inspection in an amount not to exceed \$61,113.54 using EDA bond funds.

**TRANSPORTATION DIVISION
DEPARTMENT OF DEVELOPMENT SERVICES**

FEBRUARY MONTHLY REPORT

Attached is the Department of Development Services' Monthly Report for the Transportation Division for the period ending February 28, 2009.



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

1. NEW DEVELOPMENTS**Reviewing traffic data and site plans for:**

Barrington Square Mall	JCL Bioassay
Baymont Hotel Renovations	Prairie Stone Parcel 8
Cabela's Outlots (Saddle Room)	Prairie Stone Parcel 23
Heidner Property	Village Police Station Site
Huntington Woods Corporate Center	Yorkshire Woods II

2. ONGOING COORDINATION**Barrington Road Interchange**

- Tollway expected to complete first phase of draft master plan for Northwest Tollway in the near term. This should provide guidance on next steps for interchange plans.
- Meeting with Tollway executives held on January 5, 2009. Coordination will occur with Tollway and IDOT on next steps.

Northwest Tollway (I-90) Corridor Study

- Next meeting expected in several months.

O'Hare Noise Compatibility Commission

- No new information.

Pace HOT Line Bus Service (Route 557)

- The most recent ridership data provided by Pace is from February 2009. The monthly total was 1,221 riders. This is a significant increase over February 2008.
- Average daily ridership was 61 in February 2009. This is the highest seen in over one year.
- Monthly totals vary due to the number of weekdays in the month and seasonal variations in transit ridership.
- Companies agreed to continue funding of HOT Line in 2009.

Pace Route 554

- Pace instituted a new route in January 2009. The Hanover Park Metra Station is now on the route and a portion in Streamwood on Irving Park Road was eliminated. Ridership can be affected during such changes and it may take several months for trends to emerge.
- Most recent ridership data provided by Pace for Route 554 was for January 2009. Average daily use was 85 riders.
- Depending on ridership, Pace will evaluate the possibility of assuming the cost of route, but not likely before 2011 or 2012.

Roselle Road Traffic Signal

- The signal analysis reports have been submitted to IDOT and Cook County requesting their review and approval of a new traffic signal. Village consultant to follow up on status.
- IDOT has deferred to Cook County on the signal installation. IDOT does not favor a signal, and instead prefers turn restrictions. But, if acceptable to Cook County, IDOT will not object to a new signal.
- Right of way documents for temporary and permanent easements received from consultant.

STAR Line

- Metra anticipates submitting to Federal Transit Administration in the fall.

Taxi Discount Program

- Registration continues with identification cards and coupons sent to residents. To date, a total of 155 residents have registered for the program. Another 19 applications are pending due to scheduling of permanent identification photos.
- Information on program registration provided on Village website.
- Mailing distributed to a sampling of over 2,000 residents in the CDBG district in February.
- Working on contacts for potential additional providers. One company is Spanish speaking while the other operates lift-equipped vehicles.

Transit Information

- Received three questions regarding public transit information.
- Keeping log of public transit related requests, inquiries, phone calls, etc.
- Public transit information provided on Village website. Information recently expanded to include more links and a map of transit services in the Village.
- Staff is developing an informational brochure on transit services offered in the Village.

3. **PRAIRIE STONE TRAFFIC MANAGEMENT**

- Event planning and coordination with Police Department, Standard Parking, and Sears Centre staff continues for Sears Centre.

4. **TRAFFIC STUDIES / OTHER**

- Additional information has been included on the website for engineering services as well as posting new transportation data.
- Village ADT Map posted to website.
- Prepared three CMAQ applications; two for bike projects, one for diesel emissions reduction.
- With Planning Division, worked on a Department of Natural Resources grant application for bicycle path on Central Road.

- Submitted lists to various agencies and representatives for project needs in Hoffman Estates.

5. VILLAGE PROJECTS

Neighborhood Speed Watch Program

- Several residents are considering speed watch. No sites are currently scheduled.

Pavement Management System and Street Revitalization

- 2008 Project is complete. Work underway on punch list items.
- Plan development work proceeding for candidate streets in 2009.

Shoe Factory Road - Cook County

- Waiting for response from County on alignment options.

Higgins Road Pedestrian / Bicycle Project

- Project awarded full approval for CMAQ Federal Grant funding. Staff met with IDOT and FHWA staff. Staff is preparing engineering plans.

Bicycle Planning

- Developing GIS database of surrounding bicycle facilities.
- Gathering bicycle plans from surrounding communities.
- Assessing possible bicycle facilities along specific streets in the Village.
- Keeping log of bicycle related requests, inquiries, phone calls, etc.
- Met with Kane County, Village of Schaumburg, Hoffman Estates Park District, and Chicagoland Bicycle Federation League of Illinois Bicyclists, Village of Streamwood, and the City of Elgin to discuss Bike Planning.
- Posted bike planning material on Village website.
- Met with Tollway staff on under crossing of I-90 along railroad right of way. Tollway concurred with concept design.
- Setting a schedule for public comment meeting in May. Providing information on the meetings on the website and in the Citizen.

6. CN PURCHASE OF EJ&E

- STB approval of transaction became effective on January 23, 2009.
- Federal court refused request for a stay of the STB discussion.
- Several appeals pending in Federal Court.
- CN will provide information on expected date of increase in freight traffic when available.