

**APPROVED MINUTES OF THE APRIL 7, 2004 MEETING OF THE  
O'HARE NOISE COMPATIBILITY COMMISSION  
SCHOOL SOUND INSULATION COMMITTEE**

The regular meeting of the School Sound Insulation Committee was held on Wednesday, April 7, 2004, at School District 59 in Arlington Heights.

Dr. Raymond Kuper, ONCC School Committee Chairperson, called the meeting to order at 10:06 A.M. Mr. Brian Gilligan of the O'Hare Noise Compatibility Commission staff took the meeting minutes.

The following members of the Committee were **present**:

Superintendent Robert Howard, Member – School District 59  
Superintendent Kathleen Williams, Member, School District 63  
Superintendent Susan Knight, Member, School District 80  
Superintendent David Nemecek, Member – School District 84  
Superintendent Jeffrey Schleff, Member – School District 84.5  
Superintendent Raymond Kuper, Member, School District 86  
Mr. Michael Cushion, Alternate, School District 89  
Associate Superintendent James Popernik, Alternate – School District 214  
Superintendent Robert Lupo, Member, School District 234  
Mr. Eric Johnson, Alternate – School District 299

The following members of the Committee were **absent**:

School District 81  
School District 87  
School District 401

There being a majority of members present, a quorum was present for the transaction of business.

**A. APPROVAL OF MEETING MINUTES – JANUARY 21, 2004**

A motion was made by **Dr. Howard** to approve the meeting minutes of January 21, 2004 and was seconded by **Mr. Johnson**. The motion was passed by unanimous voice vote.

## **B. CHICAGO DEPARTMENT OF AVIATION SCHOOL REPORT**

Mr. Robert Kichura, Program Director of the Chicago Department of Aviation, presented the O'Hare School Program Financial Status Report. The total PFC Disbursements Design and Construction dollars spent for the period 1996-2003 were \$148 million. Total AIP and PFC disbursements to date for 103 completed and 16 schools in design or construction totaled approximately \$245.8 million.

### **2004 COMMITTEE WORK PLAN**

#### **A) Status of Design Funding for Schools Selected in 2001 and 2002 School Sound Insulation Programs**

Mr. Kichura indicated that two schools in Park Ridge are currently in the design funding stage. These schools are Lincoln Middle School and Embers Elementary School.

#### **B) AIP/PFC Funding Update for Schools Selected from 2002/2003 School Sound Insulation Programs**

Mr. William Brogan, Chicago Department of Aviation Assistant Commissioner, announced that the City of Chicago Department of Aviation will be matching 20% of the Federal Aviation Administration (FAA) dollars they will commit. He stated that the FAA should have an announcement by the next School Sound Insulation Committee meeting on May 26, 2004.

Mr. Thomas Salaman of the Federal Aviation Administration's (FAA) Great Lakes Office indicated that the FAA will provide the funding required to support the construction and design cost for the four O'Hare noise impacted schools in this year's program. The funds provided will be based upon the project's construction bid results. Construction bids for the Embers and Al Hattendorf schools will be opened on April 20, 2004 and April 21, 2004, respectively.

Mr. Salaman added that these schools, together with the Lincoln and MacArthur Middle schools represented an estimated \$7 million investment of FAA funding and support at its 80% share.

Mr. Salaman stated that the Lincoln and MacArthur school project design documents are

presently being monitored and reviewed by the Chicago Department of Aviation

Mr. James Seidmann of Airport Owners Representatives (AOR) reported that they were both at about 20% complete and bids could be expected by the end of May.

### **C) 2004 School Monitoring Program**

Mr. Brogan reported that the Chicago Department of Aviation will be able to monitor 15 schools at O'Hare area schools this summer. He provided a list with the schools that fall into the top 15 highest impacted by aircraft noise, according to criteria defined. He stated that since the Chicago Department of Aviation will be monitoring more schools than usual that the schools will have little notice when they will be monitored.

Mr. Brogan said the representatives from the 15 schools on the list will be contacted to let them know that they will qualify to be part of the monitoring process this summer. He will be requesting that the schools make available those rooms that are the highest noise-impacted in order to ensure an effective monitoring program. There is a possibility that little advance notice will be given to get the best results.

Dr. Howard asked what the timeline will be for monitoring.

Mr. Brogan responded that the monitoring program should run from May thru October, 2004.

Dr. Kuper thanked the City of Chicago, Chicago Mayor Richard M. Daley, and Aviation Commissioner John A. Roberson for the tremendous success of the O'Hare School Sound Insulation Program.

## **SPECIAL INTEREST TOPIC**

### **A) Presentation by Kevin Laberge, Chicago Department of Environment – Incorporation of “Green Roofs” into School Sound Insulation Work**

Mr. Laberge, Deputy Commissioner of the Chicago Department of Environment, gave a presentation on the “Green Roofs” initiative. He explained the benefits of the program and also addressed the concerns.

Green roofs are used extensively in Europe. They are quickly gain acceptance in the United

States.

Mr. Laberge mentioned there is a benefit of sound reduction with the program in order to improving the surrounding environment. Green roofs can reduce indoor sound by up to 40 decibels.

The noise reduction results from soil, plants, and trapped layers of air within the green roof system.

Other benefits of green roofs include detention of stormwater run-off; increase of biodiversity; enhancement of property values; and reduction of ultraviolet radiation.

Mr. Nowlan asked who has the responsibility for weight loads. Mr. Laberge replied that a structural engineer is needed.

Mr. Salaman inquired as to maintenance during winter months. Mr. Laberge responded that during the first snowfall after the green roof was installed on the Chicago City Hall roof, the snow remained on the roof.

Mr. Nowlan commented that snow weight on these roofs needs to be calculated and considered.

Mr. Laberge pointed out that green roofs can be used in new construction or building retrofits. They can be installed on flat roofs or pitched roofs. In terms of costs, it is estimated that green roofs costs about 50% more than conventional roofs.

Mr. Seidelman asked whether there is empirical data to show that indoor sound has been reduced. Mr. Laberge said that research to demonstrate noise reduction has been carried out in Sweden.

## **OTHER BUSINESS**

### **A) Aviation Careers Education Summer Camp**

Mr. Brogan provided handouts which can be distributed to students interested in summer camp for aviation education. There are two summer camps being offered. One is from the Lewis University and the other is from Wright College. He encouraged members to pass the information along to their constituents.

### **B) "Noise 101" Session in Norridge – May 19, 2004**

Mr. Gilligan informed the Committee that there will be a "Noise 101" session held on May 19, 2004 in Norridge at 10:00 A.M. He stated that anyone interested in attending to contact Jeanette Camacho of the ONCC staff.

### **C) 2004 School Committee Meeting Dates and Locations**

Mr. Gilligan provided an updated 2004 School Committee meeting schedule. He noted that previously there was a meeting scheduled to be held in October. However, it has been changed to November 10, 2004, with the location being School District 59.

### **COMMENTS FROM THE AUDIENCE**

No comments were made.

### **ADJOURNMENT**

A motion was made by **Dr. Williams** and seconded by **Dr. Knight** to adjourn the meeting. The motion was approved by unanimous voice vote and the meeting adjourned at 11:02 A.M.