



## CITY OF PARK RIDGE

### MINUTES

#### FLOOD CONTROL TASK FORCE

Wednesday, August 19, 2009

6 p.m. Meeting

Council Chambers

Park Ridge City Hall

**MEMBERS PRESENT:** Joe Saccomanno, Daniel Carroll, John Humm, Kim Jones, Patricia Lofthouse and Steve Tolan

**MEMBERS ABSENT:** Lou Arrigoni, Gale Fabisch and Bob Mack

**ALDERMEN PRESENT:** Aldermen DiPietro, Sweeney and Wsol

**STAFF PRESENT:** W. Zingsheim, S. Mitchell, B. Wiebe and S. Tedeschi

#### I. APPROVAL OF MEETING MINUTES FROM JULY 29, 2009

The minutes of the July 29, 2009 meeting were approved.

#### II. DEVELOPMENT OF GOALS

- A. Develop a program to educate residents on the city sewer system and how to mitigate private property issues. – Mr. Arrigoni and Mr. Humm**

Mr. Humm stated that they had discussed the development of a website that would include current flood information, programs, project status, disaster information, and contact information. They have also discussed conducting presentations in the community and media events.

- B. Review existing sewer system and analyze various types of flooding to better understand the scope of the problem and the various causes for flooding. – Mr. Tolan and Mr. Fabisch**

Mr. Tolan stated that they had begun creating a database from flood calls and are gathering information on sewer sizes. He noted that there was a lot of information to review.

- C. Develop and expand existing flood database by date, location, type and cause. Document flood damage costs associated with these incidents, both private and public. Formulate short and long-term plans, including various solutions to reduce**

**and eliminate flood damage effectively and efficiently, using all available resources.**  
– Mr. Mack and Mrs. Lofthouse

Mrs. Lofthouse stated that they had begun a preliminary analysis of the information from the current database. They would be developing a questionnaire for residents to download, complete and return to City Hall on flooding events.

**D. Review current City Ordinances, practices and policies and make recommendations for change as needed. – Mr. Saccomanno and Ms. Jones**

Mr. Saccomanno stated that they had reviewed the information provided to them by staff and would be comparing it to other communities.

**E. Seek and explore funding opportunities for flood mitigation, both for City and residents. – Mr. Carroll**

Mr. Carroll stated that he was investigating state and federal funding sources for capital and residential improvements. He had reviewed sewer grant programs in Barrington, Glen Ellyn, Lombard and Addison. He noted that 3 of the 4 communities budget for the program, with established limits. Glen Ellyn also has a separate \$3 per month sewer tax to fund the programs.

Mr. Saccomanno reminded the members to document their recommendations for the Task Force's final report. He asked the members if, after four meetings, they felt that the Task Force's direction was appropriate.

Mr. Humm responded that there was a need to stay to a structured movement and maintain a sense of urgency.

Mr. Saccomanno noted that there were a lot of variables, with a need to look at all of the variables and reasons for flooding and to prioritize them.

Mr. Tolan stated that there was a need to look at both the frequency and severity of the flooding.

The Task Force discussed flyers that were being distributed in the community on flood control devices and a rebate program. The members noted that their role was purely advisory.

Mr. Saccomanno stated that Mr. Fabisch would be the Task Force's liaison with the Park Ridge Park District.

### **III. NEW BUSINESS**

**A. Presentation by the Northwest Municipal Conference**

Christopher Staron, of the Northwest Municipal Conference (NWMC), presented a report to the Task Force on the Upper Des Plaines River Advisory Committee. A copy of this report is attached.

Mr. Saccomanno asked if the Cook County Forest Preserve District had allowed other municipalities to use their land for water storage. Mr. Staron replied that the Forest Preserve District finds that thus does not mesh with their goals and objectives.

Mr. Saccomanno asked if the NWMC has models ordinances or policies that the city could review. Mr. Staron replied that they did. Director Zingsheim noted that staff had this information.

Mr. Saccomanno asked if the NWMC provided funding or grants for localized floodwater management or guidelines for getting grant money from other agencies. Mr. Staron replied that the NWMC provides no grant monies, they just assist the municipalities. NWMC also does not have any guidelines for the municipalities. He noted that there are no current MWRD projects that would impact Park Ridge.

Mr. Saccomanno asked staff to explore how the lowering of the Des Plaines River will affect Park Ridge. Director Zingsheim replied that the city's outfalls go directly to the Des Plaines River. When the river rises and covers the outfalls, the removal of stormwater from the streets is slowed.

Mr. Talon noted that the goal of the Upper Des Plaines River Advisory Committee Phase 1 projects is to reduce the economic impact of flooding by 25%. He does not believe that they will reach that goal.

Mrs. Lofthouse asked Mr. Staron to supply copies of the Village of Skokie's flood abatement plan.

Mr. Humm and Mr. Carroll asked Mr. Staron to provide them with an estimate of Levee 50's lowering of the Des Plaines River.

#### **IV. RESIDENT INPUT**

Several residents spoke on a variety of issues including the following:

- Thanking city crews for cleaning inlets on Prairie Avenue.
- Concerns about the new Frances relief sewer's potential impact on Glenlake
- Staffing cuts impact on sewer maintenance. Director Zingsheim noted that some services would be affected, but not sewer maintenance.

#### **V. ADJOURNMENT**

The meeting adjourned at 7:40 p.m.

**NEXT MEETINGS – Wednesday, September 2, 2009 at 6 p.m. in the City Hall Council Chambers**



## Upper Des Plaines River Advisory Committee

Park Ridge Flood Control Task Force

August 19, 2009

Christopher Staron  
Northwest Municipal Conference

## Presentation Outline

- Northwest Municipal Conference Role in Stormwater Management
- Upper Des Plaines Phase I Study and Projects
- Upper Des Plaines Phase II Study

## Northwest Municipal Conference Role

- Metropolitan Water Reclamation District of Greater Chicago (MWRDGC)
  - Watershed Planning Councils
    - Poplar Creek and Upper Salt Creek
    - North Branch of the Chicago River
    - Lower Des Plaines River
- Upper Des Plaines River and Tributaries Advisory Committee
  - Forum for municipal leaders, legislators and stormwater agency staff
  - Army Corps of Engineers Upper Des Plaines River Phase I and II

## History: Upper Des Plaines River Phase I

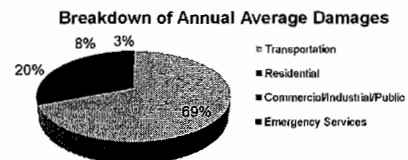
- Damaging Floods on Des Plaines River: 14 between 1938 and 1987
- 1986 and 1987 Floods: Damage Exceeding \$100 million
- September 1986 Flood Impact:
  - 10,000 Dwellings (Residential)
  - 263 Business and Industrial Sites
  - 15,000 Residents Evacuated
  - Severe Impacts to Transportation Network

## Upper Des Plaines River Phase I Feasibility Study

- Interest in Federal Government Involvement via the Army Corps of Engineers
- 1989 – Reconnaissance Report
- 1996 – Draft Feasibility Report
  - 16 Tentative Projects
- 1999 – Final Feasibility Report
  - 6 projects authorized under the Water Resources Development Act of 1999, Section 101(6)(10)

## Phase I Feasibility Report

- Roughly \$25 million in annual average damages (estimated 2004 dollars)



## Phase I Project Selection

- Army Corps of Engineers determined hydraulic and economic impacts of alternatives
- Final Feasibility Report
  - Recommend projects with largest net economic benefit and favorable benefit cost ratio



## 6 Phase I Projects

- Levee 50 (Rand Park Levee)
- Levee 37 (Mount Prospect/Prospect Heights Levee)
- Big Bend Lake Expansion
- Buffalo Creek Reservoir Expansion
- Van Patten Woods Lateral Storage Area
- North Fork Mill Creek Dam Modification



## Levee 50 (Rand Park Levee)

- Final Phase of Project 95% Complete
- Completion date extended to December 31, 2009



## Levee 37 (Mount Prospect/Prospect Heights Levee)

- Currently under construction
  - Palatine Road:
    - May 2009 – Construction began
    - Fall 2009 – Scheduled completion
  - Main Floodwall
    - April 2009 – Construction began
    - Fall 2011 – Scheduled completion
  - Flow Improvements (Restoration)
    - March 31, 2009 – Contract awarded
    - Summer 2009 – Work began



## Levee 37 Compensatory Storage

- Compensatory storage requirement
- Compensatory storage site
  - Buffalo Creek Reservoir
  - Heritage Park in Wheeling



## Big Bend Lake Expansion

- November 2008 – 75% Plans and Specifications
- Completion of the 100% design set of Plans and Specifications is on hold pending resolution of cost issues resulting from offsite disposal of excavated material.
- Army Corps of Engineers – Wants to begin construction in June 2010



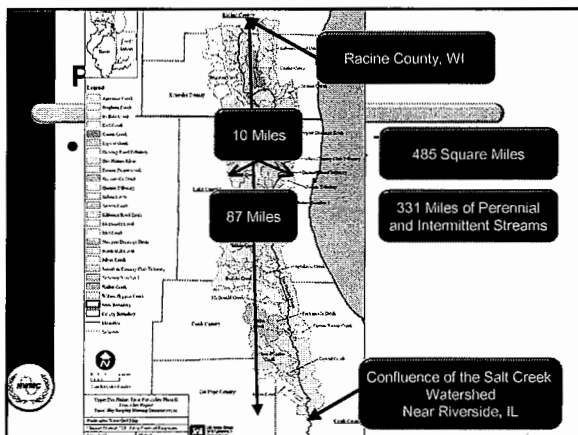
## Remaining Phase I Projects

- North Fork Mill Creek Dam Modification, Buffalo Creek Reservoir Expansion and Van Patten Woods Lateral Storage Area
  - A limited re-evaluation report is planned to develop and analyze new alternatives to minimize flood damages in Lake County



## Upper Des Plaines Phase II Study

- Continuation and Extension of Phase I
  - Authorized in Water Resources Development Act of 1999, Section 419
- Objectives
  - Further Reduce Main Stem Flooding
  - Reduce Tributary Flooding
  - Environmental Restoration of Degraded Ecosystem within River Basin
- Secondary Objectives
  - Improve Water Quality
  - Enhance Recreational Opportunities



## Phase II Study Status

- Milestones
  - September 2007 Feasibility Scoping Meeting
  - June 2009 Baseline Economic Analysis Report
  - July 2009 In-Progress Review Meeting
  - October 2010 Draft Feasibility Study and Environmental Impact Statement
  - August 2011 Final Feasibility Study and Environmental Impact Statement



## Potential Storage Sites

- Identified 196
- Eliminated 98 (so far)
- Kept 73 (so far)



## Questions

