

CITY OF WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

Approved 03/04/10

MINUTES

INFRASTRUCTURE COMMITTEE

February 4, 2010 - 7:00 P.M.

1. Call to Order, Roll Call, and Establishment of a Quorum. Chairman Dzierzanowski called the meeting to order at 7:00 P.M. Roll Call found Aldermen James Beifuss, Nanette Connelly, Nicholas Dzierzanowski, James Smith, and John Smith present. Aldermen Sandra Dimas and Russell Radkiewicz were absent.

Also in attendance were Public Works Director Robert Flatter, Water Treatment Plant Supervisor Joe Munder, and Administrative Secretary Michelle Baldino.

Others present included Thomas Talsma, Bradley Sanderson, and Michele Piotrowski with Engineering Enterprises, Inc.

2. Approval of Minutes.

A. Infrastructure Committee Minutes of January 7, 2010. Alderman Nanette Connelly made a motion to approve the minutes of January 7, 2010 with no changes, seconded by Alderman John Smith. Voting Yea: Aldermen Nanette Connelly, John Smith, James Beifuss, and James Smith. Alderman Nicholas Dzierzanowski abstained. Voting Nay: 0.

3. Public Participation / Presentations.

A. Northeast Area Utility Study – Engineering Enterprises, Inc. Mr. Flatter introduced Michele Piotrowski from Engineering Enterprises, Inc. He explained that the purpose of the study was to provide information to the City to determine water system and sanitary sewer system requirements in order to meet the demands of potential development in the northeast area of the City. The report was provided to the Committee members at the January meeting for review.

Ms. Piotrowski provided the Committee with a brief overview including recommendations and their associated costs (copy of presentation is attached as Exhibit A). Recommendations include additional watermain installation, expansion to the Water Treatment process, an additional water storage tower, construction of an east side interceptor and associated improvements (which would also allow for the elimination of four existing sanitary lift stations), additional sanitary sewer installation, and construction of a new regional sanitary sewer lift station.

Discussion regarding the east side interceptor included the location of installation through Forest Preserve property, unincorporated areas, and the impact the project of this nature would have on the

surrounding area. None of the costs associated with any of the recommendations include land acquisition.

Mr. Flatter indicated that there are alternatives that will be explored including the possibility of two new regional lift stations (with the elimination of 4 of the existing smaller ones), in order to service a larger area of the City. Also to be taken into consideration are the results of the Elevated Tank Siting Study and the Well Siting Study along with recommendations from the Wastewater Treatment Plant Expansion study.

Staff is asking the Committee to accept the Northeast Area Utility Study with the condition that Staff will proceed with evaluating alternatives to the East Side Interceptor and Lift Station evaluations, bringing future recommendations to the Infrastructure Committee.

4. Items for Consent. Chairman Dzierzanowski read the items for Consent from the Agenda and asked if any members wanted any of them pulled for discussion.

Items 4.C. and 4.D. were pulled from the Consent Agenda for discussion.

4.A. Acceptance of the Northeast Area Utility Study – Engineering Enterprises, Inc. Alderman Beifuss made a motion, seconded by Alderman Connelly to approve the acceptance of the Northeast Area Utility Study with the condition to proceed with alternative evaluations to the East Side Interceptor and Lift Station. Voting Yea: Aldermen James Beifuss, Nanette Connelly, Nicholas Dzierzanowski, James Smith and John Smith. Voting Nay: 0.

Alderman Nanette Connelly made a motion, seconded by Alderman John Smith to approve Consent Items 4.B., and 4.E., without discussion. Voting Yea: Aldermen Nanette Connelly, John Smith, James Beifuss, Nicholas Dzierzanowski and James Smith. Voting Nay: 0.

4.C. Contract Amendment No. 2/Second Extension to Well No. 12 Drilling Project – Layne Western Company. Alderman Connelly asked if there would be additional costs associated with this project. Mr. Flatter informed her that there might be a change order for a reduction in the contract, but this amendment is for a time extension.

Alderman Nanette Connelly made a motion, seconded by Alderman John Smith to approve Contract Amendment No. 2/Second Extension to the Well No. 12 Drilling Project. Voting Yea: Aldermen Nanette Connelly, John Smith, James Beifuss, Nicholas Dzierzanowski and James Smith. Voting Nay: 0.

4.D. Professional Services Contract – Electrical Design & Engineering, Inc. – Standby Generator & Electrical System Modification Project for Well 10 & 11. Mr. Flatter explained that it is the intent to have backup generators installed at every well and lift station and the current budget allows for proceeding with Wells 10 & 11 and Well 3 this year. There is currently a small generator at well 11 (the shallow well), but it is not big enough to use for Well 10 (the deep well). Electrical Design & Engineering Inc. will evaluate, design, and oversee construction through this contract.

Alderman James Beifuss made a motion, seconded by Alderman James Smith to approve the Professional Services Contract for Standby Generator & Electrical System Modification Project for Wells 10 & 11. Voting Yea: Aldermen James Beifuss, James Smith, Nanette Connelly, Nicholas Dzierzanowski and John Smith. Voting Nay: 0.

5. Items for Discussion. None.

6. Unfinished Business. None.

7. Other Business.

Alderman Beifuss explained that he had received several complaints related to service issues with Comcast cable. Mr. Flatter stated that those complaints should be forwarded to him and he would contact the City's cable representative for resolution.

8. New Business.

A. Discussion of Signage related to No Parking During Snow Events – Alderman Nicholas Dzierzanowski stated that he would like to see changes in the No Parking signs that are placed at the entrance to subdivisions, specifically Cornerstone Lakes, that are placed too close to the entrances and that they contain too many words. Mr. Flatter handed out a map of locations of all signs in the City for Sprinkling Restrictions and Snow Parking Restrictions along with pictures of what is currently placed throughout the City and an example of a sign used in Hoffman Estates (Exhibit B).

During discussion, it was noted that the other parking restrictions, no parking between 2:00 a.m. and 5:00 a.m., would then need to be placed on a separate sign. The cost to replace the signs citywide would be approximately \$2,000.00. Alderman Dzierzanowski stated that he would be in favor of changing the signs, to include a picture of a snowman, at the subdivisions in his Ward.

Staff was directed to design a conceptual sign to include a picture of a snowman and the 2:00 a.m. to 5:00 a.m. parking restriction ordinance, along with associated costs. The item can then be addressed at a future Committee meeting.

B. Staff was directed to take a look at the condition of Elm Road and address the pothole issues as soon as possible.

9. Reports from Staff.

A. Mr. Flatter informed the Committee that there will be three items that staff would like to take directly to City Council for approval on March 15th. These items include the 2010 Forestry Maintenance Program, the Spring 2010 Parkway Tree Planting Program, and the METRA Landscape and Irrigation Project. Bids will open for the Forestry Program and the Parkway Tree Planting Program on Wednesday, March 3, 2010 and staff will inform the Infrastructure Committee

of the results at the March 4, 2010 meeting. The results of the bids will not be available in time for the March Infrastructure Committee Agenda. The METRA Landscape and Irrigation Project bid opens on March 9, 2010 and will also be taken directly to Council for approval.

10. Adjournment. At 8:28 P.M., Alderman James Smith made a motion to adjourn, seconded by Alderman Nicholas Dzierzanowski. Motion was approved by voice vote.

Respectfully submitted,


Michelle Baldino
Administrative Secretary

NORTHEAST AREA WATER AND SEWER SERVICE AREA City of West Chicago, DuPage County, IL

**NORTHEAST AREA
WATER AND SEWER SERVICE PLAN**

**City of West Chicago
DuPage County, IL**

**INFRASTRUCTURE COMMITTEE
PRESENTATION
February 4, 2010**



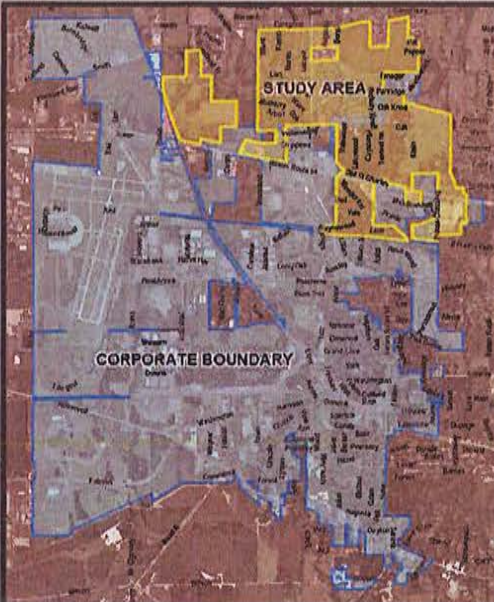
Engineering Enterprises, Inc.
*Consulting Engineers
Specializing in Civil Engineering
and Land Surveying*

EEI

INTRODUCTION

Purpose

- Determine Water Works System Requirements
- Determine Sanitary Sewer Collection System Requirements



NORTHEAST AREA WATER AND SEWER SERVICE AREA

City of West Chicago, DuPage County, IL

OUTLINE

- **Water Works System**
 - Recommended Improvements & Cost Estimates
 - Local
 - Regional
 - Undeveloped
- **Sanitary Sewer System**
 - Recommended Improvements & Cost Estimates
 - Local
 - Regional
 - Undeveloped
 - East Side Interceptor
 - Additional Considerations
- **Summary of Total Costs**

WATER WORKS SYSTEM

Recommended Improvements

Northeast Study Area

- 1,885 Acres of Unincorporated, Undeveloped, and/or Forest Preserve
- 8,073 P.E.

Storage, Supply & Treatment Requirements to Serve the Study Area:

- Storage = 1,100,000 gallons
- Supply = 1,500 gpm
- Treatment = 2,200,000 gpd
(Less the current 1,000,000 gpd surplus)

NORTHEAST AREA WATER AND SEWER SERVICE AREA
City of West Chicago, DuPage County, IL

WATER WORKS SYSTEM

Recommended Improvements

- **Local Improvements** **\$16.9 Million**
 - 15.5 Miles of 8" Water Main
 - **Regional Improvements*** **\$5.4 Million**
 - EWST(1.5 MG)
 - 2.1 Miles of 12" Water Main
 - Need for Improvement: Commercial Development and Construction of EWST
 - **Undeveloped Areas** **N/A**
 - Water Main By Future Owner/Developer
- * Supply & Treatment Costs are Not Included.

SANITARY SEWER SYSTEM

Recommended Improvements

- **Local Improvements**
- **Regional Improvements**
- **Undeveloped Areas**
- **East Side Interceptor**

NORTHEAST AREA WATER AND SEWER SERVICE AREA

City of West Chicago, DuPage County, IL

SANITARY SEWER SYSTEM

Local Improvements

- **Cost Estimate = \$20.1 to \$20.7 Million**
 - **Northwest Area Improvements (West of Route 59)**
 - **Cost Estimate = \$0.8 to \$1.3 Million**
 - **Considerations:**
 - **Additional Lift Station vs. DuPage County Forest Preserve Easement**
 - **High Pressure Gas Main**
 - **12.9 Miles of 8" Sanitary Sewer**

SANITARY SEWER SYSTEM

Regional Improvements

1. **Klein Road/Prince Crossing Road Interceptor**
2. **Prince Crossing Road Lift Station & Forcemain**
3. **21" Gravity Sewer from Force Main to East Side Interceptor**

Need for Improvements No. 1-3:

Development of the Area East of Route 59

**NORTHEAST AREA WATER AND SEWER SERVICE AREA
City of West Chicago, DuPage County, IL**

SANITARY SEWER SYSTEM

Regional Improvements

4. 12" Interceptor at Hickory Knoll Lane

Need for Improvement:

Development of Undeveloped Area East of Route 59 (After Improvements No. 1, 2, and 3 are completed)

5. Abandon Lift Stations No. 2, 6, & 11

Need for Improvement:

At the Discretion of the City (After Improvements No. 1, 2, and 3 are completed)

**Cost Estimate for Improvements No. 1-5 = \$7.8 Million
(Cost for WWTP Upgrades, If Required are Not Included)**

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SANITARY SEWER SYSTEM

Undeveloped Areas

- **City Does Not Anticipate Being Responsible for Construction Costs**
 - **Sanitary Sewer By Future Owner/Developer**

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