Need for Replacement

- Aging Interceptor Pipes
  - 24” VCP Built in 1920’s
  - 36” CMP Built in 1950’s

- Access Issues

- Additional Capacity
  - Protect against SSO’s
Project History

- **Existing Sewer Pipe at End of Design Life**
  - Planning Started in 2005
  - Public Information Meetings in 2007
  - Design in 2008 & 2009
  - Opened Bids in October 2009
    - Project Construction Cost $12.5 Million
Project History (continued)

- Hired Strand Associates 2005
  - Route Study
  - Design
  - Public Meetings
  - Permitting
Project Overview

- 3 Miles 48” Fiberglass Pipe with some Reinforced Concrete Pipe
- 5 Pushes
- 700’ Long Tunnel
- Easements needed
Benefits of Project

- New Sewer – Increased Capacity
- Newly Paved Roadways
- Brings Revenue to the Region
- Stimulus Funding Reduces Sewer Rate Increase
- Reduced I/I
Funding

- Southside Interceptor Project along with Plant Improvements Project Funded Through Illinois EPA Loans

- $8,693,193 Funded under ARRA 2009
  - $4,346,596 required to be repaid

- $8,693,193 funded under Water Pollution Control Loan Program
  - Will be required to be repaid
Project Cost

- Southside Interceptor Replacement Project
  - Engineers Estimate ~ $15 Million

- Preliminary and Primary Treatment and Electrical Improvements
  - Engineers Estimate ~ $5 Million (AECOM)
ARRA Requirements
  - DBE Requirements
    - Newspaper Advertisements
  - Wage Rate
  - Buy American

Competitive bidding environment
Bid Results

- **Low Bidder**
  - *Benchmark Construction Co.* ($12,219,590)

<table>
<thead>
<tr>
<th>BIDDER AND ADDRESS</th>
<th>Bid Bond or Guarantee</th>
<th>Addenda Acknowledged</th>
<th>Computed Total Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benchmark Construction Co. 2260 Southwind Blvd. Bartlett, IL 60103</td>
<td>5%</td>
<td>1 &amp; 2</td>
<td>$12,348,045.00</td>
</tr>
<tr>
<td>DiPaolo Company 4360 DiPaolo Center Glenview, IL 60025</td>
<td>5%</td>
<td>1 &amp; 2</td>
<td>$14,608,430.80</td>
</tr>
<tr>
<td>Joel Kennedy Constructing Corp. 400 Noll Street Waukegan, IL 60085</td>
<td>5%</td>
<td>1 &amp; 2</td>
<td>$15,727,480.00</td>
</tr>
<tr>
<td>Martam Construction, Inc. 1200 Gasket Drive Elgin, IL 60020</td>
<td>5%</td>
<td>1 &amp; 2</td>
<td>$17,622,595.80</td>
</tr>
<tr>
<td>Merryman Excavation, Inc. 1501 Lamb Road Woodstock, IL 60097</td>
<td>5%</td>
<td>1 &amp; 2</td>
<td>$22,257,573.81</td>
</tr>
</tbody>
</table>

- **Plant Improvements Job Low Bidder**
  - *Maxim Construction Corp.* ($3,409,000)
Project Schedule

- Project Design & Schedule Approved by Illinois Environmental Protection Agency (IEPA)

- Two-Year Construction Schedule
  - January 2010 Start
  - Substantial Completion November 2010
  - Final Completion December 2011
Plan Review

Roads

Trees
Easement Acquisitions

- 5 Private Home Owners
- St. Matthews Church
- Madison Elementary School
- Temporary & Permanent Easements
- Appraisals
- Compensation Offered
<table>
<thead>
<tr>
<th>Address</th>
<th>Amount Offered</th>
<th>Easement Size (SF)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Temporary</td>
</tr>
<tr>
<td>Creekside Drive</td>
<td>$7,100</td>
<td>2271</td>
</tr>
<tr>
<td>Aurora Way</td>
<td>$16,001</td>
<td>4849</td>
</tr>
<tr>
<td>Aurora Way</td>
<td>$1,139</td>
<td>None</td>
</tr>
<tr>
<td>Hawthorne Lane</td>
<td>$5,400</td>
<td>4500</td>
</tr>
<tr>
<td>Merrill Drive</td>
<td>$5,084</td>
<td>3760</td>
</tr>
</tbody>
</table>
Madison School
Madison School

- Timing
- Easement Provisions
- Temporary Easement
  - 37,995 Sq. Ft.
- Permanent Easements
  - Some Existing
  - 12,696 Sq. Ft.
St. Matthews Church
St. Matthews Church

- 4.88 Acres
- Original Plans
- Easement Negotiations
- Purchase Negotiations
  - $1.65 Million Purchase Price
Chicago Golf Club
Chicago Golf Club

- Established Late 1800’s
- Prestigious
- Timing
- Provisions
Public Meetings

- **2007**
  - Public Notification
  - Public Input

- **Foothill Resident Meeting**

- **December 2009**
  - Streams Subdivision
  - City Hall Wheaton
Streams Garden Villa Subdivision

- Detour Route
City Hall Public Meeting

- Anybody interested
- City of Wheaton
- Strand Associates
- Benchmark Construction Co.
- Project Overview
TV Interview

- Steve Maney
  - Executive Director Wheaton Sanitary District
- Wheaton Cable Television
  - Public Service Announcement
  - TV Interview – Steve Maney, P.E.
- Radio Interview
Other Preparations

- Tree Trimming
- Utility Poles
- Preconstruction Videos
- Newspaper Releases/Articles
Continuing Public Relations

- Weekly Meetings
- Resident Calls
- Onsite Meetings
- Website
  - www.wsd.dst.il.us
Strand Associates

- Mike Waldron, P.E.
- Design
- Construction
Questions

- Matt Streicher, P.E.
  - streicher@wsd.dst.il.us