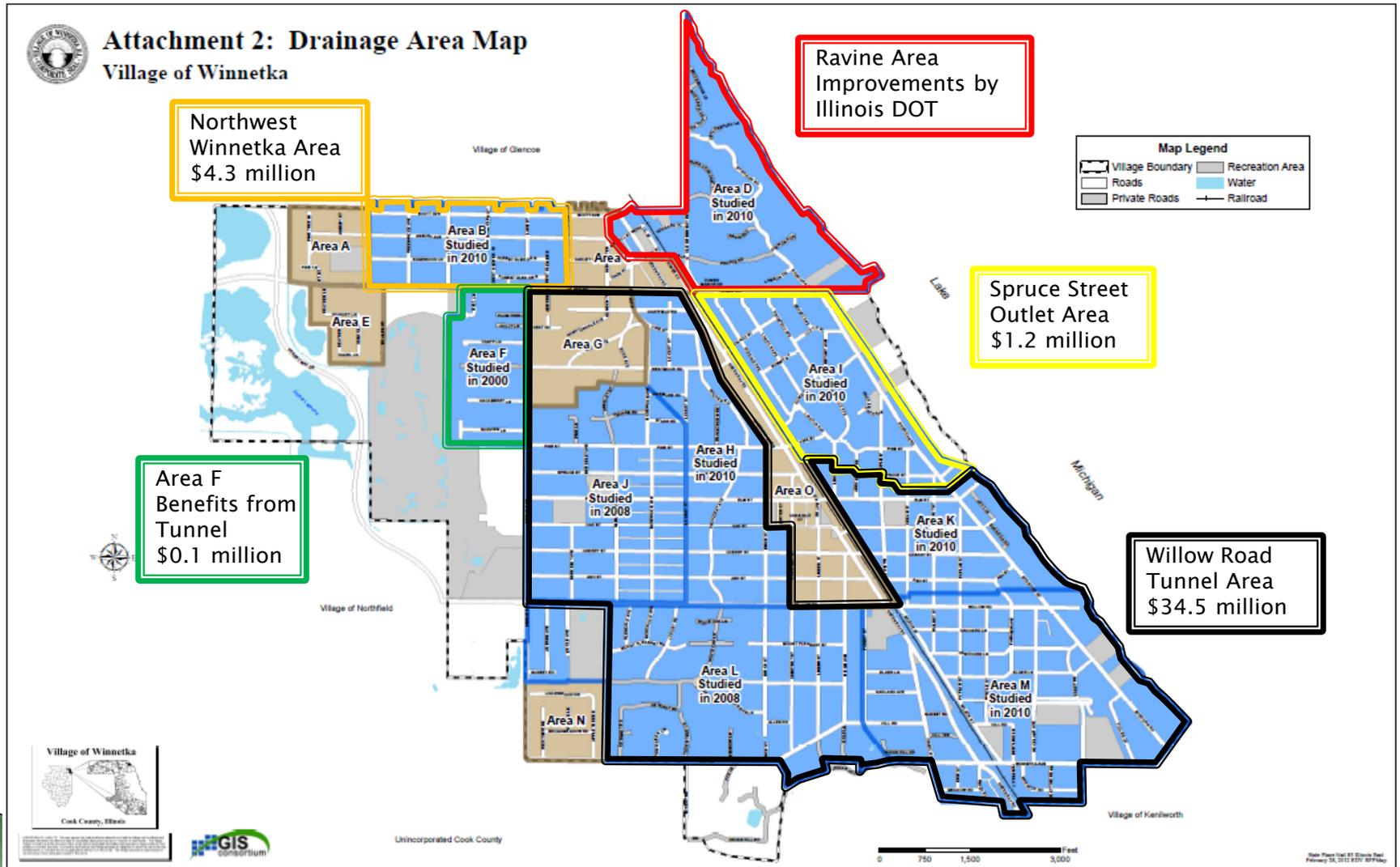


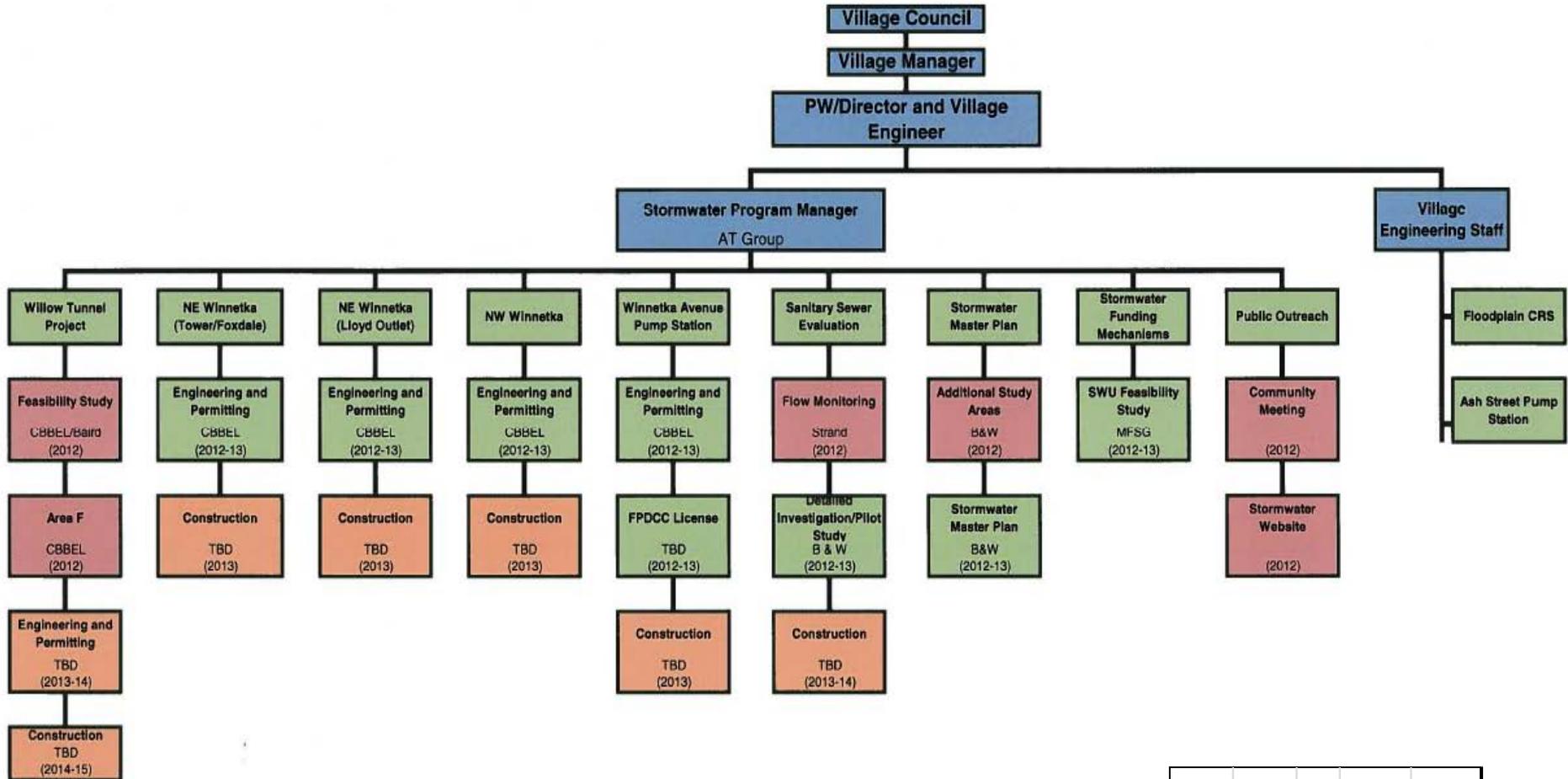
Stormwater Policy Guidance

Improvement Program and Financing
Recommendations

Village Drainage Areas



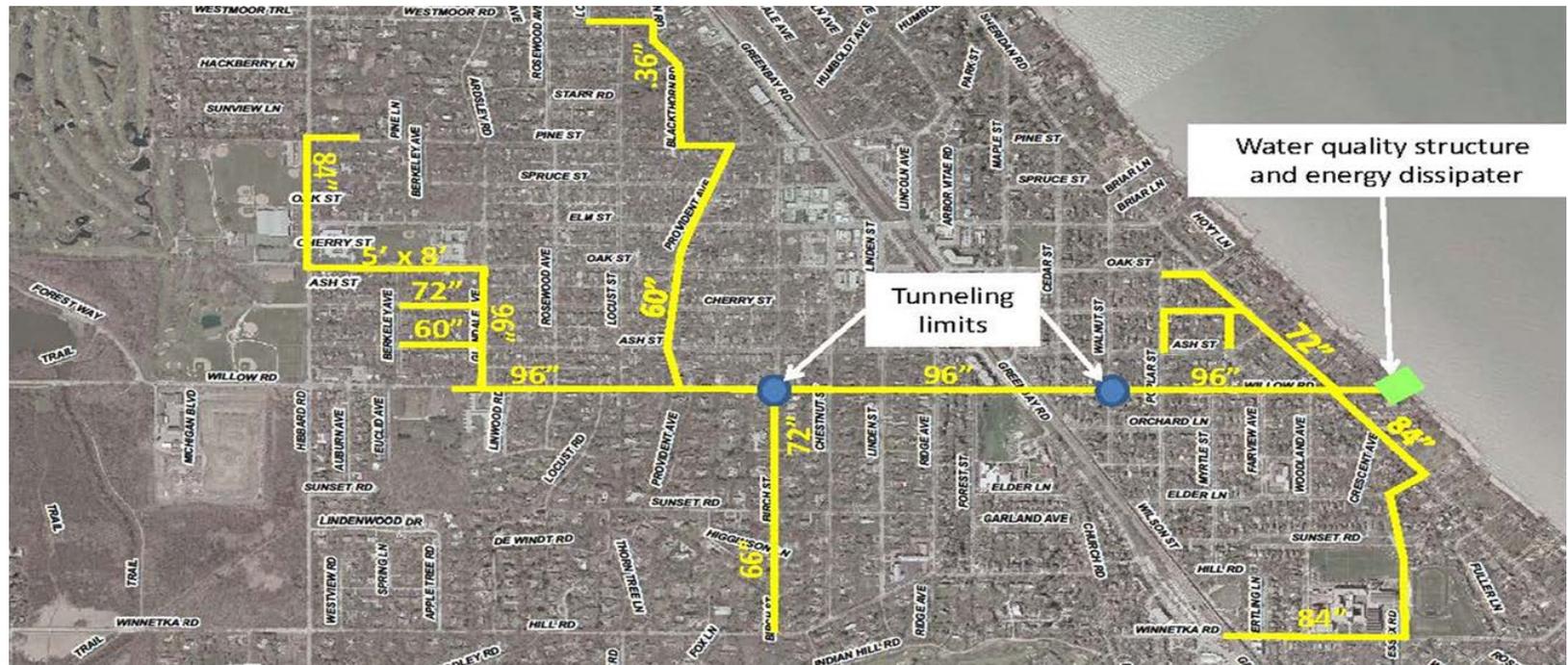
Stormwater Improvement Program



KEY	
Position	
Completed	
Ongoing	
Future	

Willow Road Tunnel

- ▶ 8-foot diameter storm sewer beneath Willow Road—from Glendale Ave. to Lake Michigan
- ▶ Estimated project cost: \$34.4 million
- ▶ Probable project start (engineering): 2014
- ▶ Drainage Area ~ 1,200 acres; ~2,500 parcels



Northeast Winnetka

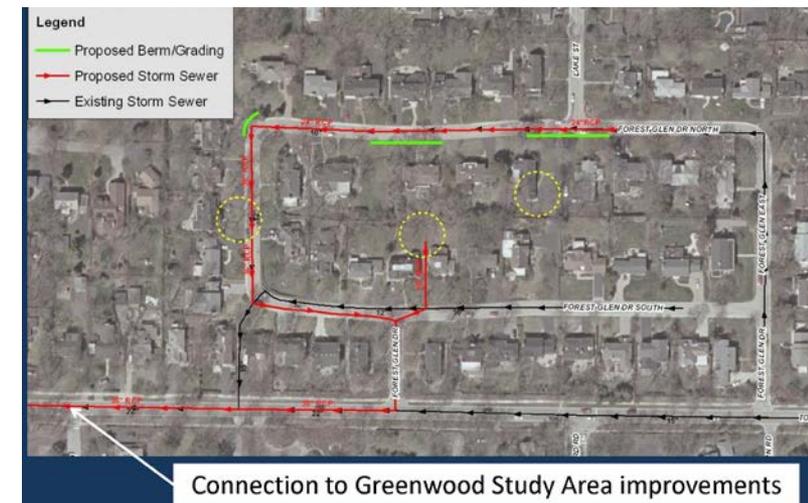
- ▶ Spruce Street Outlet
 - Lloyd Park
 - Tower/Foxdale
- ▶ Contract awarded in March, 2012 to complete detailed plan for two drainage improvements
- ▶ Project costs:
 - Lloyd Park– \$398,786
 - Tower/Foxdale– \$1.2 million
- ▶ Drainage area ~170 acres, ~550 parcels



Northwest Winnetka

- ▶ Large watershed area improvements
 - Focusing along and north of Tower Road (west of Vernon Avenue), and including the Forest Glen area
- ▶ Presented to Council in October, 2011
 - Engineering is 85% complete
- ▶ Total estimated project cost– \$4.3 million
- ▶ Drainage area ~110 acres; ~425 parcels

No additional improvements to the Greenwood Study area required to accommodate the Forest Glen improvements



Winnetka Avenue Pump Station

- ▶ Village engineering completed in 2012
- ▶ Permit approved by Forest Preserve in April, 2013
- ▶ Construction could proceed shortly with Council authorization
- ▶ Total estimated project cost– \$750,000
- ▶ Drainage area ~900 acres;
~1,700 parcels

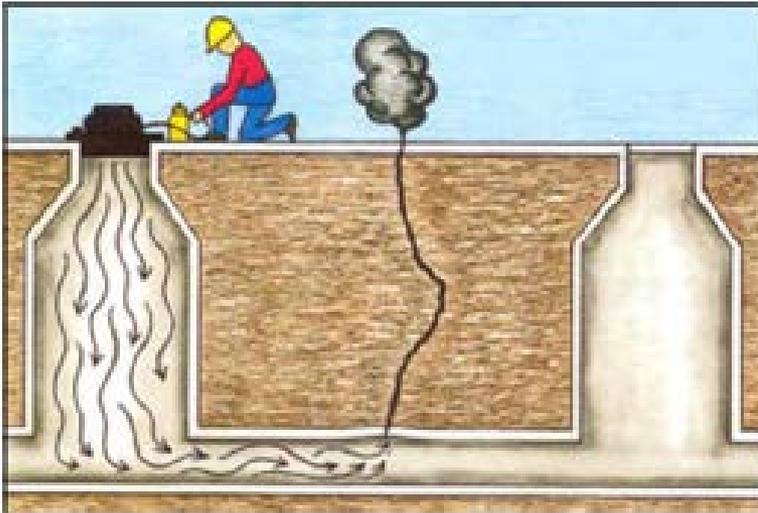


Stormwater Master Plan

Plan Components Include:

- ▶ Public Involvement and Education
- ▶ Flood Risk Reduction Recommendations
- ▶ Sanitary Sewer I/I Reduction
- ▶ Maintenance Planning
- ▶ Village Regulation Evaluation
- ▶ Water Quality Planning
- ▶ Implementation Strategy

Sanitary Sewer Evaluation



- ▶ Study to address issues of Inflow and Infiltration (I/I)
 - Initial study began in August, 2012
 - Authorized Baxter & Woodman to perform more detailed evaluation April, 2013
- ▶ \$150,000 budgeted for project

Stormwater Project Costs

Project Description	Estimate of Probable Cost	Progress To-Date
<i>Northeast Winnetka Improvements (Spruce Street Outlet)</i>		
Tower Road/Foxdale Area	\$1,162,853	Construction tentatively scheduled- fall 2013
Lloyd Park Outlet	\$398,786	Construction tentatively scheduled- summer 2013
<i>Northwest Winnetka Improvements</i>		
Tower Road/Greenwood Area	\$3,581,924	Proceeding with final engineering; plans and permits anticipated complete by end of June, 2013
Forest Glen Extension	\$685,000	
Winnetka Avenue Pump Station	\$750,000	Construction plans approved by Forest Preserve Board; work can begin in 2013
Stormwater Master Plan	\$101,220	Draft Master Plan expected by end of 2013
Utility Feasibility Study	\$72,100	Final report to Council: May 14, 2013
<i>Willow Road Stormwater Tunnel</i>		
North/South Willow & Provident	\$27,969,048	Engineering selection process underway. Underpass Study Area Options: Option 1: \$4,400,000 Option 2: \$3,100,000 Option 3: \$0
Cherry Street Outlet Area	\$2,000,000	
Winnetka Underpass Area	\$4,400,000	
Area F (west of Hibbard Road)	***	
TOTAL	\$41,120,931	

***Est. \$100,000, but not finalized

Stormwater Policy Guidance

- ▶ On May 14, the Village Council held a Study Session to receive and discuss the final recommendations of MFSG regarding stormwater funding.
- ▶ After much discussion and public comments, the Council reached consensus on a number of stormwater policy items.
- ▶ Since this was done in a Study Session, the Council desired to formalize this guidance at a Regular Meeting. Policy items follow:

Stormwater Policy Guidance

Stormwater Fee Structure. The Council determined:

1. The Village should use a Stormwater Utility to finance 100% of the improvements.
2. The Village should use impervious surface as the Rate Base for the Stormwater Fee.
3. The Village should implement the stormwater fee based on units of impervious surface using the ERU approach (1 ERU = 3,400 square feet).
4. The Village should implement the Stormwater Fee based on the actual number of ERU's per parcel.
5. The Village should use a uniform fee structure with all parcels paying the same Stormwater Fee per ERU.

Stormwater Policy Guidance

Stormwater Funding. The Council determined:

1. The Village should use 30-year bonds vs. 20-year bonds to fund current planned capital projects.
2. The Village should use \$7.3 million of General Fund reserves to fund capital projects.
3. The Village will not refund General Fund reserves from a Stormwater Utility Fee.
4. The Village should not apply specified General Fund revenues to assist with funding a portion of the debt service.
5. The Village should fund ongoing O&M expenses from stormwater fees instead of using General Fund revenues.
6. The Village should use the recommended stormwater fee of \$356.13 per ERU per year by FY 2016.

Stormwater Policy Guidance

Administration:

1. The Village should not implement a Stormwater Fee Credit Program for non-residential properties that construct significant stormwater improvements.
2. The Village should not implement a Stormwater Incentive Program for all property owners to reimburse for the purchase and installation of certain, minor stormwater controls.
3. The Village should bill the Stormwater Fee on the existing Water & Electric bill.
4. The Village should develop an appeals process to handle property owner appeals.

Questions and Discussion