



---

**MANAGER'S REPORT FOR JUNE 10, 2011**  
**GENERAL INFORMATION AND RESPONSES TO MAYOR & COMMISSIONER REQUESTS**

---

***Places to be this Week...***

**Tuesday, June 14, 2011** – The Village Council meeting will be held at 7 p.m. in the Village Council Chambers. The meeting will adjourn the Committee Room for a Council discussion on the draft Comprehensive Plan.

***Future Calendar Reminders...***

**Tuesday, June 21, 2011** – The Village Council meeting will be held at 7 p.m. in the Village Council Chambers.

**Long Range Financial Plan Meetings** – This year's LRFP meetings will take place in the Village Hall Committee Room on the following dates:

**Tuesday, June 28, 2011 at 6:30pm**

**Tuesday, July 26, 2011 at 6:30pm**

**Tuesday, August 23, 2011 at 6:30pm**

**Tuesday, August 30, 2011 at 6:30pm (if necessary)**

**FY12 Budget Workshop** – Saturday, October 1, 2011 at Fire Station 2. Time TBD.

**Storm Response for 6/9/2011** - On Thursday, June 9 the Village received approximately 2.5 inches of rain as part of a cold front moving through the area, which equates to approximately a 2 year storm event (50% chance of occurrence in any given year). Rainfall was heaviest during the morning rush hour. This period of intense rainfall briefly caused localized street flooding which required temporary road closures. Public Works crews were deployed to clean inlets and place barricades as needed. Police officers also used their patrol vehicles to close sections of roadway, such as Maple Avenue east of Carpenter, where the water was too deep for vehicles to safely pass. As the rain stopped, the street flooding quickly receded, with roadways back to normal by late morning.

**Washington Park**

The detention basins and related stormwater improvements recently constructed at Washington Park were effective in mitigating neighborhood flooding and performed pursuant to the engineering design plans. The storm resulted in roughly 18" of standing water in the south basin at Washington Park. At 3:30 p.m. on Thursday, 5.5 hours after the end of the event, the standing water had drained. This is relatively consistent with the inundation levels predicted in design. There was approximately 12" of ponding in the north basin, more or less contained within the southwest lobe of the basin, adjacent to the outlet pipes. This is slightly less than predicted in the design; because the planned upstream projects have not yet been completed, the result will not yet be consistent with the design.



#### 8<sup>th</sup> and Cumnor

The detention basin that was constructed in 2010 in the area of 8<sup>th</sup> and Cumnor was inspected yesterday following the rain. The basin was storing water as designed and there were no problems of intersection flooding in the vicinity. This photo was taken at the site.



**Distinguished Budget Award** - Staff is pleased to report that the Government Finance Officers Association (GFOA) has awarded the GFOA's Distinguished Budget Presentation Award for the Village's 2011 Budget. This is the second year the Village has been presented with this award.

**Rain Barrel Event** - The Rain Barrel event was successful again in 2011. This event promoted water conservation, as well as local businesses and provided financial and marketing benefits for local not-for-profits. The Chamber of Commerce, the EDC and Downtown Management led the 2011 Rainbarrel event under the new Village's event facilitation model. The Village's involvement consisted of utilizing the 2010 brochure and loaning the rain barrel display to the event.

A total of 374 rain barrels were sold by five not-for-profit organizations. The barrels were purchased from Ace Hardware and Wannemaker's Home and Garden Center at a reduced price. Distribution was also at the two Downers Grove business locations, which gave the businesses additional exposure to customers.

In conjunction with the regular rain barrel sales, eight painted barrels were auctioned off at the Downers Grove Farmers Market. Downers Grove District #99 North Art Students painted the barrels in advance of the event. The YMCA held the auction on June 4, 2011 at the Farmer's Market. Proceeds from the rain barrel auction were split between the YMCA and the DG North High Art program. Each received \$665.00.

**Property Maintenance Compliance (Grass Violations)** - The weather has promoted strong grass and weed growth during the last few weeks. This comes during a period of rising property vacancies in the Village, with foreclosures accounting for much of the increase. The combination means more properties will experience excessive grass and weed growth, violating the ten inch maximum specified in the property maintenance code.

Vacancy rates for single family residences in the Village now exceed five percent. Given the number of houses in the Village, this translates to about 700 properties. In other words, about one of every 20 houses here are empty, or one house on every block or two. This provides a sense of the potential magnitude of the problem, but while grass and weed violations have increased, not every property is a concern. Many have responsible caretakers and when a code violation problem is brought to their attention, they find a way to get the lawn cut and placed on a regular maintenance schedule within a week of Code Enforcement's first request.

The most serious cases and tallest weeds come about when it is difficult to track down a responsible party to formally notify of the violation—a critical first legal step before the Village may access private property and cut the yard ourselves. This challenge accounts for nearly all the lots troubled with tall grass over several weeks. Property records lag actual ownership and Code Enforcement sometimes wastes significant time tracking down a person the Village eventually learns is an ex-owner. They are not prone to being helpful with a quick response and correction so a month can go by before the Village finally reaches someone to whom Code Enforcement may direct a Property Maintenance Violation Notice. In the meantime, the grass and weed problem has worsened.

Our process of trying to achieve compliance through a conversation first, then formal notification and enforcement is time-consuming. However, it sends a positive message about the Village and our desire for compliance. It is almost always successful. Finally, it avoids an even lengthier ticket and court appearance process which may take months. Nevertheless, to address the increasing concerns, Code Enforcement has shortened the length of time traditionally allowed for addressing a tall grass problem, down from seven to three days. In addition, Code Enforcement Officers now tolerate less time for a return phone call before sending a Property Maintenance Violation Notice. Other tools are available working with the Legal Department that can sometimes help speed up identification of transitional property owners such as a bank.

Once proper notice is given and the Village mows a yard, a lien is placed on the property to assure that, eventually, the Village is reimbursed our costs for the tall grass enforcement.

**Design of Detention Basin at 2nd & Cumnor** - Staff is proceeding with the detention basin project located at 2nd and Cumnor. The basin has been designed and is currently out for bid. As the Village Council requested, the basin will include several features intended to enhance the appearance of the basin including:

- A plaza located at the northwest corner including an interpretive sign explaining the benefits of the basin
- Natural plantings as opposed to turf grass
- Landscaping along the perimeter
- A walking path along the south and east sides of the basin
- Water quality enhancements including a rain garden and underground structures designed to capture debris and other pollutants

Attached please find the landscaping plan for the basin and portions of a presentation that was shown to the residents during a recent neighborhood meeting.

Please let Manager Fieldman know if you have any questions or comments.

## **ONGOING PROJECTS**

### **Belmont Underpass**

#### Work Performed This Week:

- Place concrete for east abutment footing of RR Bridge.
- Frame, reinforce, and place concrete for east abutment stem of RR Bridge.
- Frame, reinforce, and place concrete for footings of west RR Bridge.
- Set and waterproof precast tunnel segments for pedestrian tunnel.
- Set and detail structural steel for pedestrian tunnel north canopy.
- Install piles/caissons for precast panels east of tunnel.
- Frame, reinforce, and place concrete for cast-in-place platform grade crossing east of tunnel.
- Reinforce and place concrete for highway bridge deck.
- Place concrete for pump station gables.
- Install lagging for retaining walls B & C.
- Excavate and drive piles for retaining walls E & F.
- Excavation of Belmont Road and proposed northwest entrance/exit ramp north of RR Tracks.
- Belmont Road drainage work north of RR tracks.
- Asphalt work on Burlington Avenue.

#### Work Planned For Next Week:

- Place concrete for east abutment stem of RR Bridge.
- Frame, reinforce, and place concrete for southeast stairwell walls.
- Place concrete for west RR Bridge & SW Stairwell.
- Frame, reinforce, and place concrete for west abutment stem of RR Bridge.
- Install drainage and backfill Pedestrian Tunnel.
- Remove Pedestrian Tunnel temporary sheeting.
- Set and detail structural steel for north Stairwells.
- Wood blocking, nailers, and truss installation for north canopies.
- Install piles/caissons for precast panels east of Tunnel.
- Frame, reinforce, and place concrete for cast-in-place platform grade crossing east of Tunnel.

- Construct temporary boarding platforms.
- Reinforce and place concrete for highway bridge deck.
- Construct west approach pavement for Highway Bridge.
- Place concrete for pump station gables and strip walls. General cleanup.
- Install lagging for retaining walls B & C.
- Excavate for retaining wall F and frame, reinforce, and place concrete for footings and walls (3 panels).
- Excavation of Belmont Road north of RR Tracks.
- Belmont Road drainage work north of RR tracks.
- Asphalt work on Burlington Avenue.

Percent Complete: 49%

Information is provided on the Village's and Metra's web sites.

### **2010 Resurfacing (B) Phase 2**

Awarded Amount: \$1,843,543.38

Contract Completion Date: Portion postponed until spring 2011

#### Work Performed This Week:

- Completed patching the majority of the existing pavement base.

#### Work Anticipated Next Week:

- Remaining pavement patches should be completed 6/10 or early week of 6/13.
- Final pavement preparation and paving operations should begin the week of 6/13.
- Additional parkway preparation may take place on 5<sup>th</sup> and 6<sup>th</sup> Sts. and final parkway preparation and start of sod placement may begin on 7<sup>th</sup> St, 8<sup>th</sup> St and 55<sup>th</sup> Place the week of 6/13.

Percent Complete 95%

### **2011 Roadway Maintenance Program, Street Resurfacing (A) Phase 1**

Awarded Amount: \$1,832,424.50

Contract Completion Date: 8/5/11

Anticipated Start of Construction: Early June, 2011

#### Work Performed This Week:

- Concrete curb and gutter, drive and sidewalk removal and replacement operations majority complete in the Lake Ave and Sherman / Prospect area.
- Concrete curb and gutter, drive and sidewalk removal and replacement operations started in the Franklin St area.
- In-house crews have begun installing a short storm sewer improvement on Franklin east of Washington.

#### Work Anticipated Next Week:

- Concrete curb and gutter, drive and sidewalk removal and replacement operations will continue in the Lake Ave, Sherman / Prospect, and Franklin St area. This work may begin in the Devereux area 6/10 or the week of 6/13 and progress to the north from there.
- In-house crews should complete remainder of the storm sewer improvement on Franklin east of Washington 6/10 or early week of 6/13.

Percent Complete 5%

### **2011 Roadway Maintenance Program, Street Resurfacing (B) Phase 2**

Advertise Date: 5/2/11

Bid Opening Date: 5/16/11

Anticipated Start of Construction: August, 2011

### **2011 Preventive Seal**

Awarded Amount: \$153,000.00

Contract Completion Date: July 2011

Anticipated Start of Construction: Early June, 2011

Duration of the project is 45 days

### **2011 Sidewalk Program**

Project was awarded to Dinatale Construction Inc. Preconstruction meeting was held on 6/9/11.

Engineering staff will locate property pins and begin new sidewalk layout next week. Construction staging and preparation work is scheduled to occur during the last week of June. Construction of sidewalks is scheduled to begin the first week of July.

### **2011 Replacement Sidewalk Program (S-006-11 & S-006-12)**

Bids were opened on June 1<sup>st</sup> including S-006-11 for removal and replacement of sidewalk sections and S-006-12 for saw cutting of sidewalk to remove trip hazards. Start of construction is planned for early July. The duration of each project is 30 days.

### **2011 Paver Crosswalk Upgrades (S-007-11)**

The bid was opened on June 1<sup>st</sup> and the start of construction is planned for early July. Crosswalks within the Downtown Business District are scheduled to be rehabilitated by a method using hot-applied synthetic asphalt material. The duration of the project is 25 days.

### **McCollum Park Stormwater Improvements**

Current Contract Amount: \$1,250,204.53

Project is Substantially Complete

Current Contractual Punch List Completion Date: May 31, 2011

#### Work Performed This Week:

The contractor continues work on punch list and turf maintenance items. An inspection by the Village and Downers Grove Park District will be scheduled upon completion of the work.

#### Work Anticipated Next Week:

Turf maintenance work.

### **Maple/BNSF Railroad Grade Reduction**

This contract was awarded at the May 17<sup>th</sup> Council meeting. Work is scheduled to start the week of June 20<sup>th</sup> with the installation of silt fence, project layout, tree protection and tree removals. The intersection is scheduled to be closed June 27<sup>th</sup> and be completed by August 12th. This schedule reflects a delayed start of two weeks to accommodate the closure of Main Street for Rotary Grove Fest.

### **2010 Water Main Improvements**

Pavement patching on the non curb streets of Sheldon, Stanley, and Dawn was completed last week. Installation of surface course was started yesterday and should be completed by the end of the week depending on the weather or on Monday of next week. Installation of shoulders and restoration is scheduled to be completed by the beginning of next week depending on the weather.

### **Street Light Replacement, Concord Square II**

Project bid opening was May 16th and the contract was approved at the 6/7/2011 Council meeting. Construction to start this summer.

### **2<sup>nd</sup> and Cumnor**

Bid advertisement completed June 9, with construction projected to begin in late July or early August. Electric, gas, cable and water meter services have been removed in preparation for future demolition. Staff has been coordinating with landscape architects on a basin beautification plan.

Relocation of the existing ComEd utility poles scheduled to begin June 13th.

#### Work to Be Performed This Week

The existing homes will be utilized by the police department and fire department throughout the month of June to perform training exercises.

#### **Washington Park Stormwater Improvements**

Current Contract Amount: \$3,055,860.23

Project is Substantially Complete

Current Punch List Completion Date: May 31, 2011

##### Work Performed This Week:

Continued to work on punch list items

##### Work Anticipated Next Week:

Continue to work on punch list items

Install extra ornamental fence item south of parking lot

##### Miscellaneous:

Village staff directed the contractor to perform a few extra items involving ornamental fencing and railings that were requested by the Park District. These items should be completed by next week. The precast concrete pedestal for the decorative iron fountain bowl has formed a crack on two sides. Staff has directed the contractor to replace the pedestal, which is under warranty, at no cost to the Village. The pedestal is expected to be replaced in June 2011. The Village has notified the contractor that if the punch list is not completed within 10 working days, their bonding company will be notified.

- Percent Complete (per contract): 100%

#### **Washington Street/Sherman Street Stormwater Improvements**

Current Contract Amount: \$547,159.12

Contract Completion Date: December 19, 2010

##### Work Performed This Week:

Restored asphalt patch for manhole placed late 2010 near Sherman and Prospect

##### Work Anticipated Next Week:

Project closeout and punch list items

- Percent Complete: 99%

#### **SJN Sub B, Storm Sewer on Pershing Ave**

Bids opened on June 6, 2011. Contractor has been selected by Staff and will be recommended on the June 21, 2011 Council Meeting agenda.

#### **Davis St Storm Sewer**

In-house design underway. A neighborhood meeting was held on May 18, 2011.

Bid advertisement anticipated for June 2011.

#### **Lacey Creek (Sub G) Stormwater Improvements - 35<sup>th</sup> St between Saratoga and Venard**

Design underway. Draft Report and 50% Construction Plans due June 2011.

#### **Green Streets/Sustainable Water Program and Downtown Business District Water Quality Enhancements**

Design contract amount \$26,397.80

Data collection has been completed and technical "white papers" will be completed by the end of the week. A progress meeting has been scheduled for next week to discuss the progress of the project.

#### **Streambank Stabilization - St. Joseph North Branch**

Design/Build contract amount \$298,719.00

A pre-application meeting with DuPage County staff is being scheduled for next week to discuss a State floodway permit application. Preliminary design (50%) has been completed and will be discussed at the pre-application meeting.

**Prentiss Creek Sub E – Kensington Place**

Kickoff meeting for Concept Design with design consultant, Living Waters Consultants completed 5/6/11. Completed concept design report anticipated for middle of July.

**Storm Sewer Replacement on Washington St, Grant to Ogden**

In-house design underway. Bid advertisement anticipated for early June.

**Storm Rehabilitation Project - Prospect Avenue Lincoln to Chicago**

Bid opening for this project was held on May 23, 2011.

Anticipated award date: June 14, 2011.

Project to be constructed in June/July 2011.

Improvements include rehabilitation of the existing storm sewer on Prospect with Cure-in-Place-Pipe, trenchless sewer relining.

**COMPLETED PROJECTS**

**59th Street Streambank Stabilization**

Contract amount \$18,249.50

This project is complete. Three years of vegetative maintenance and monitoring will continue to be performed through 2013.

- Percent Complete: 100%

**Lacey Creek Streambank Stabilization**

Contract Amount: \$561,200.00

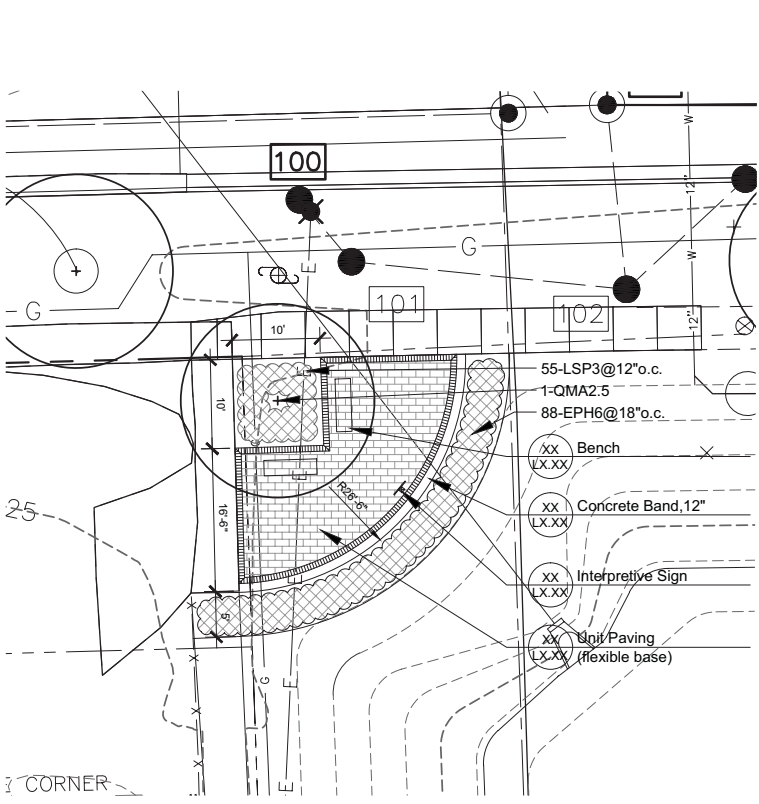
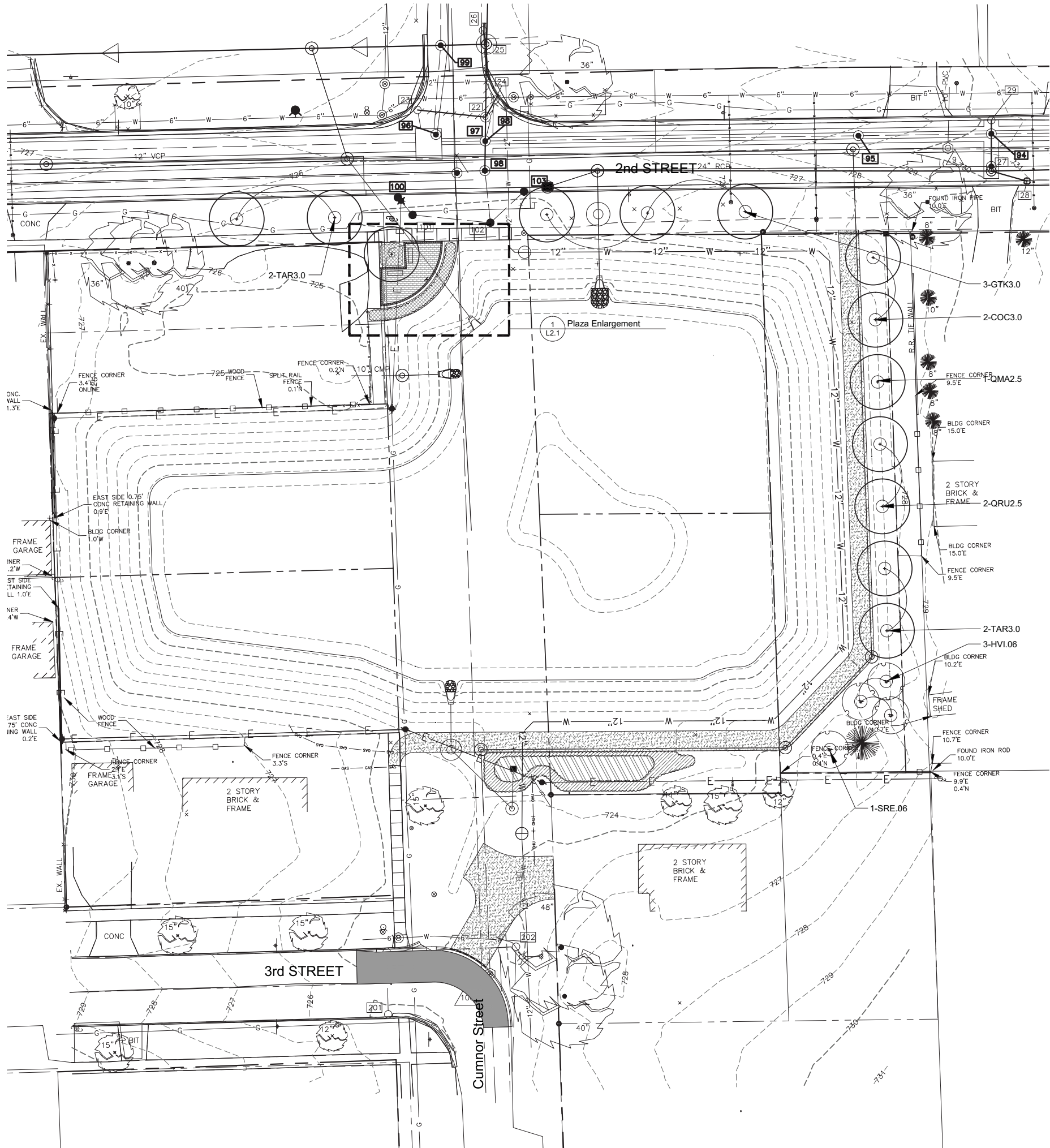
The construction of this project is complete. An ongoing vegetative maintenance and monitoring program will continue over the next 3 years.

- Percent Complete: 100%

**ATTACHMENTS**

2<sup>nd</sup> and Cumnor Landscaping Plan and Presentation





1 Plaza Enlargement  
Scale: 1" = 10'

### Planting Notes

- Seed limit line is approximate. Seed to limits of grading and disturbance.
- Tree mulch rings are 5' diameter, typ.
- Place erosion control blanket along all slopes greater than 4 to 1 and all swales.
- Contractor responsible for erosion control in all seeded and sodded areas.
- Do not locate plants within 10' of utility structures. Do not locate plants within 5' horizontally of underground utility lines.
- Plants and other materials are quantified and summarized for the convenience of the Owner and jurisdictional agencies only. Confirm and install sufficient quantities to complete the work as drawn. No additional payments will be made for materials required to complete the work as drawn.

### Hatch Legend

- Perennial
- Seed / Plug Mix A
- Seed / Plug Mix B

### Plant Material List

Code	Botanical Name	Common Name	Size	Qty
<strong>Shade Trees</strong>				
COC3.0	Celtis occidentalis	Common Hackberry	3" C	2
GTK3.0	Gleditsia triacanthos var. inermis 'Skyline'	Skyline Thornless Honeylocust	3" C	3
QMA2.5	Quercus macrocarpa	Bur Oak	2 1/2" C	2
QRU2.5	Quercus rubra	Red Oak	2 1/2" C	2
TAR3.0	Tilia americana 'Redmond'	Redmond American Linden	3" C	4
<strong>Intermediate Trees</strong>				
HVI.06	Hamamelis virginiana	Common Witchhazel	6" HT	3
SRE.06	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	6" HT	1
<strong>Groundcovers</strong>				
LSP3	Liriope spicata	Creeping Lilyturf	3" POT	55
<strong>Perennials</strong>				
EPH6	Echinacea purpurea 'Kim's Knee High'	Kim's Knee High Purple Coneflower	1 GAL	88

HITCHCOCK  
DESIGN  
GROUP  
creating better places

221 W. Jefferson Avenue  
Naperville, IL 60540  
T 630.961.1787  
F 630.961.9925  
hitchcockdesigngroup.com

PREPARED FOR

Village of Downers Grove

801 Burlington Avenue  
Downers Grove, IL 60515

PROJECT

2nd and Cumnor Stormwater Basins Beautification

Downers Grove, IL 60515

PROJECT NUMBER  
03-0980-001-01-06

ISSUED  
May 20, 2011

REVISIONS

No	Date	Issue

CHECKED BY  
PLK

DRAWN BY  
ANS

SHEET TITLE  
Planting, Layout,  
and Materials Plan

SCALE IN FEET  
1" = 20'

0' 10' 20' 60'

NORTH

SHEET NUMBER  
L2.1

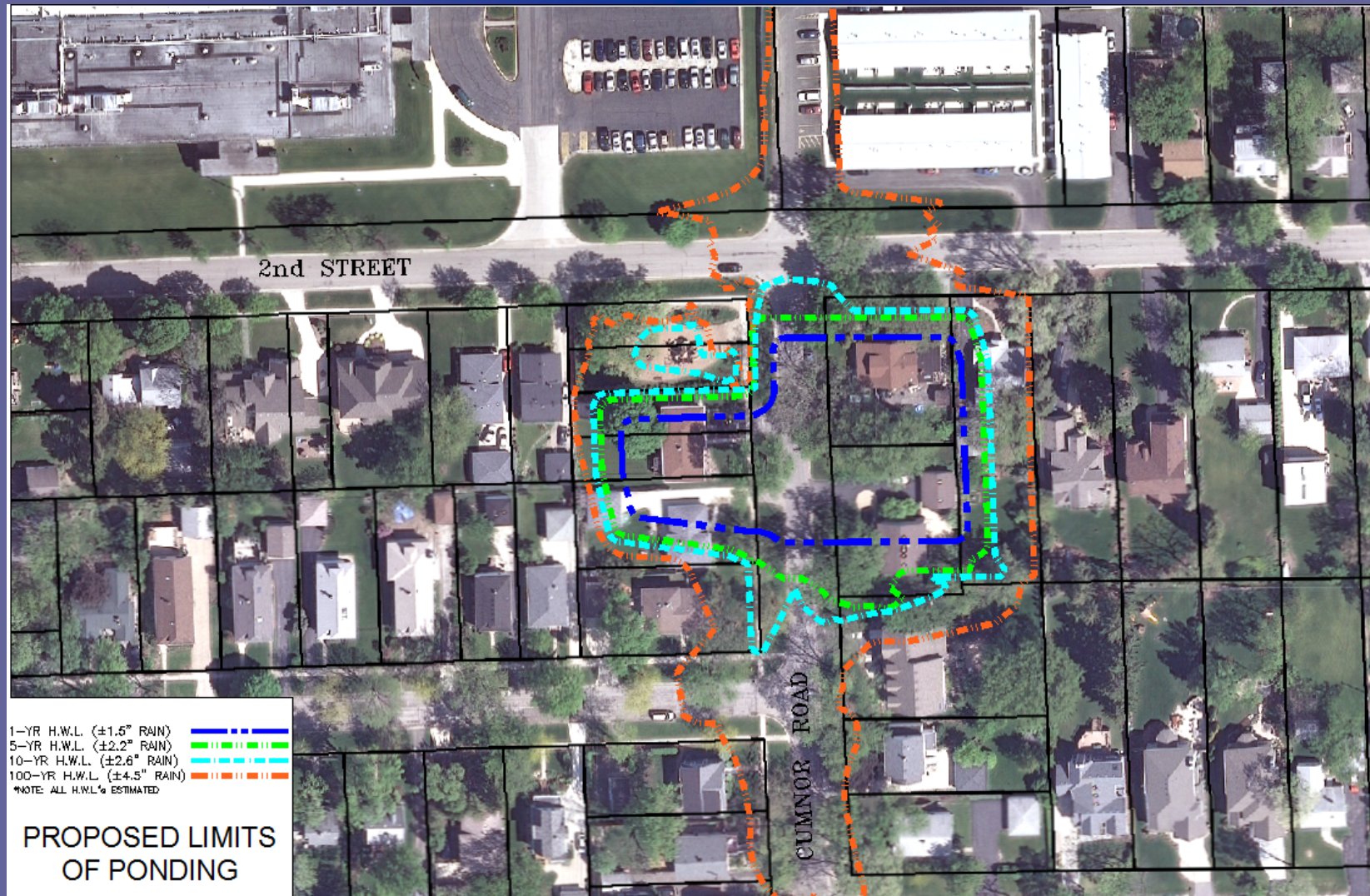
©2011 Hitchcock Design Group

# **Flood Control**

- The new stormwater storage facility will provide protection up to approx. the 10 year storm (for the existing tributary area to the facility)
- The 100 year storm inundation levels will remain relatively unchanged
- Discharge to the creek remains unchanged
- Under most storm conditions, water will drain down in under 24 hours



# Flood Control



# Water Quality

- St. Joseph Creek is an impaired waterway as classified by the IEPA
- From 2<sup>nd</sup> and Cumnor, stormwater flows through the DBD, into the main branch of St. Joseph's Creek, and then into the East Branch of the DuPage River.
- Ultimately, run-off that starts in this sub-watershed ends up in the Mississippi River and the Gulf of Mexico

# Water Quality

- Utilize Storm Water Best Management Practices (BMP)'s

- BMP is defined by the EPA as:

*“A technique, measure or structural control that is used for a given set of conditions to manage the quantity and improve the quality of storm water runoff in the most cost-effective manner. BMP's can be either engineered or constructed systems that improve the quality and/or control the quantity of runoff such as detention ponds and constructed wetlands...”*

# Water Quality

- Naturalized Detention Basin
  - Provides water quality benefits through the use of native plants for nutrient and pollutant up-take
  - Requires less long-term maintenance than traditional “dry” bottom or open water ponds
  - Provides habitat for wildlife, such as animals, birds and dragonflies
  - Wildflowers and grasses provide three-season color and interest



# Water Quality

- Structural BMP's
  - Located at each in-flow pipe
  - Remove floatable debris, sediment and oils
  - Less costly to maintain than traditional dredging of sediment
  - Greatly improve downstream water quality

# **Native Plantings**

## **(During Establishment Period)**



**Newly Planted Emergent Plants**



**Prairie Plants after First Moving**



# Native Plantings

## (Established)



Established Emergent Plants



Established Prairie Buffer

# Wildlife



Village of Downers Grove  
SJS Subwatershed J Improvements