

AGENDA
PUBLIC WORKS & UTILITIES COMMITTEE
Village of Hoffman Estates
August 28, 2012

7:00 pm Council Chambers

Members:	Anna Newell, Chairperson	Ray Kincaid, Trustee
	Jacquelyn Green, Vice Chairperson	Gary G. Stanton, Trustee
	Gary Pilafas, Trustee	William McLeod, Mayor
	Karen V. Mills, Trustee	

I. Roll Call

II. Approval of Minutes – July 23, 2012

NEW BUSINESS

1. Request approvals to reject bids received for the 2012 Contracted Branch/Brush Pickup Program and utilize budget funding for a modified in-house program.
2. Request acceptance of the Department of Public Works Monthly Report.
3. Request acceptance of the Department of Development Services Monthly Report for the Transportation and Engineering Division.

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

The Village of Hoffman Estates complies with the Americans with Disabilities Act (ADA). For accessibility assistance call the ADA Coordinator at 847/882-9100.

**PUBLIC WORKS & UTILITIES
COMMITTEE MEETING MINUTES**

July 23, 2012

I. Roll Call

Members in Attendance:

**Anna Newell, Chairperson
Jacquelyn Green, Vice Chairperson
Gary Pilafas, Trustee (via telephonic attendance)**

**Other Corporate Authorities
in Attendance:**

**Trustee Karen Mills
Trustee Ray Kincaid
Trustee Gary Stanton
Village President William McLeod**

**Management Team Members
in Attendance:**

**Dan O'Malley, Deputy Village Manager
Mark Koplin, Asst. Vlg. Mgr.-Dev. Services
Patricia Cross, Asst. Corporation Counsel
Patrick Seger, Dir. of Human Resource Mgmt.
Don Plass, Director of Code Enforcement
Pete Gugliotta, Director of Planning
Gary Salavitch, Director of Engineering
Mike Hankey, Director of Transportation
Bob Gorvett, Fire Chief
Mike Hish, Police Chief
Mike DuCharme, Director of Finance
Rachel Musiala, Asst. Director of Finance
Joseph Nebel, Director of Public Works
Bev Romanoff, Village Clerk
Tia Messino, Administrative Intern
Ben Gibbs, General Mgr., Sears Centre
Nichole Collins, Emergency Mgmt. Coordinator**

Others in Attendance:

Daily Herald

The Public Works and Utilities Committee meeting was called to order at 7:49 p.m.

II. Approval of Minutes

Motion by Trustee Green, seconded by Trustee Stanton, to approve the Public Works & Utilities Committee meeting minutes of June 25, 2012. Roll call vote taken. All ayes. Motion carried.

NEW BUSINESS

1. Request acceptance of the Department of Public Works Monthly Report.

The Department of Public Works Monthly Report was presented to Committee.

Motion by Trustee Mills, seconded by Mayor McLeod, to accept the Department of Public Works Monthly Report. Roll call vote taken. All ayes. Motion carried.

2. Request acceptance of the Department of Development Services Monthly Report for the Transportation and Engineering Division.

The Department of Development Services Monthly Report for the Transportation and Engineering Division was presented to Committee.

Motion by Trustee Mills, seconded by Trustee Stanton, to accept the Department of Development Services Monthly Report for the Transportation and Engineering Division. Roll call vote taken. All ayes. Motion carried.

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

Motion by Trustee Mills, seconded by Trustee Green, to adjourn the meeting at 7:52 p.m. Roll call vote taken. All ayes. Motion carried.

Minutes submitted by:

Debbie Schoop, Executive Assistant

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request approvals to reject bids received for the 2012 Contracted Branch/Brush Pickup Program and utilize budget funding for a modified in-house program.

MEETING DATE: August 28, 2012

COMMITTEE: Public Works & Utilities

FROM: Joseph Nebel, Director of Public Works

PURPOSE: Request approvals to reject bids received for the 2012 Contracted Branch/Brush Pickup Program and utilize budget funding for a modified in-house program.

BACKGROUND: The Branch/Brush Pickup Program has been conducted annually, since its inception in 1993. Village staff would conduct traveling chipping operations as a way to address branch/brush piles placed at the curb by residents. It is a labor intensive program made up commonly of three (3) crews of five (5) employees utilized to perform the task over a period of four (4) weeks, most commonly beginning in late September with completion by the end of the third week of October. During these four weeks many other public works programs are put on hold or provide a reduced response as labor is needed for the Brush Pickup Program. Over the past 5 years we have seen a 25% increase in the number of pickups and a 40% increase in the quantity of material produced as neighborhoods continue to mature. The public works department is also addressing the beginning stages of the Emerald Ash Borer (EAB) infestation and has completed 240 EAB related requests, inspections or removals to date this year with more coming in daily. This is in addition to the large number of regular requests for forestry services.

Based on the continued increase in material put out by the residents and the anticipated increase for forestry services related to the emerald ash borer, staff pursued the contracting of the program for 2012 season. Specifications were prepared and mailed to twelve (12) vendors who would have personnel and equipment to

BACKGROUND, Continued

perform this type of work. Bid specifications provided potential contractors the options of whatever method they thought the most practical, cost effective and labor saving for use in completing the removal of branch/brush piles throughout the Village. These methods included, but were not limited to, the use of chippers & chipper trucks to chip branches and brush on site or utilizing "prentice loader" type of equipment to load piles into trucks and transport the material to the processing site.

DISCUSSION:

On August 8, 2012, the Village Clerk opened two (2) bid proposals. A \$1000 bid deposit was required of all bidders with a 100% performance bond being required, from the successful bidder, at time of contract awarding.

Company Name	2012 Cost	2013 Cost	2014 Cost
Kramer Tree Specialists, Inc	\$83,000.00	\$85,200.00	\$87,500.00
Winkler's Tree & Landscaping, Inc	\$168,000.00	\$174,000.00	\$181,000.00

Both firms are known to the Village of Hoffman Estates and have participated with our requests for bids a number of times in the past for tree related services.

With only two bids received which both far exceeded our budgeted amount we are proposing the complete the 2012 Brush Pickup Program utilizing in-house labor, hiring temporary workers to supplement crews and renting/purchasing specialized equipment/attachments to assist with handling and loading the brush. We will also be hauling some brush directly to the materials yard and will cease to chip all of the brush on-site. This will help to save time and reduce the exposure of employees to hazardous equipment. We may utilize a small amount of the budgeted funds for contractual services based on an hourly rate as a pilot program for future years. It remains our intention to have all brush removed per the publicized schedule (weather permitting) and we anticipate through the utilization of material handling equipment we will complete the program quicker and more efficiently.

FINANCIAL IMPACT:

In 2012, a total of \$35,000 has been budgeted for the Branch/Brush Pickup Program. The low qualifying bid received was in the amount of \$83,000 from Kramer Tree Specialists which greatly exceeds funds budgeted for the program.

Based on bid pricing far exceeding budgeted funds, we are requesting approval to utilize the budgeted funding to hire temporary labor to assist with the program, rent or purchase specialized material handling equipment and utilize contractual assistance based on an hourly proposed rate (if necessary).

RECOMMENDATION:

Request approvals to reject bids received for the 2012 Contracted Branch/Brush Pickup Program and utilize budget funding for a modified in-house program.

Note: Bid specifications and proposals in white binder in Trustee's Ante Room.


DEPARTMENT OF PUBLIC WORKS

JULY MONTHLY REPORT

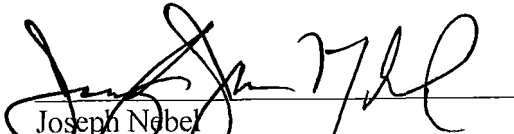
SUBMITTED TO PUBLIC WORKS COMMITTEE

AUGUST 2012

- ADMINISTRATIVE AND TECHNICAL SERVICES
- FACILITIES
- FLEET SERVICES
- STREETS
- WATER AND SEWER

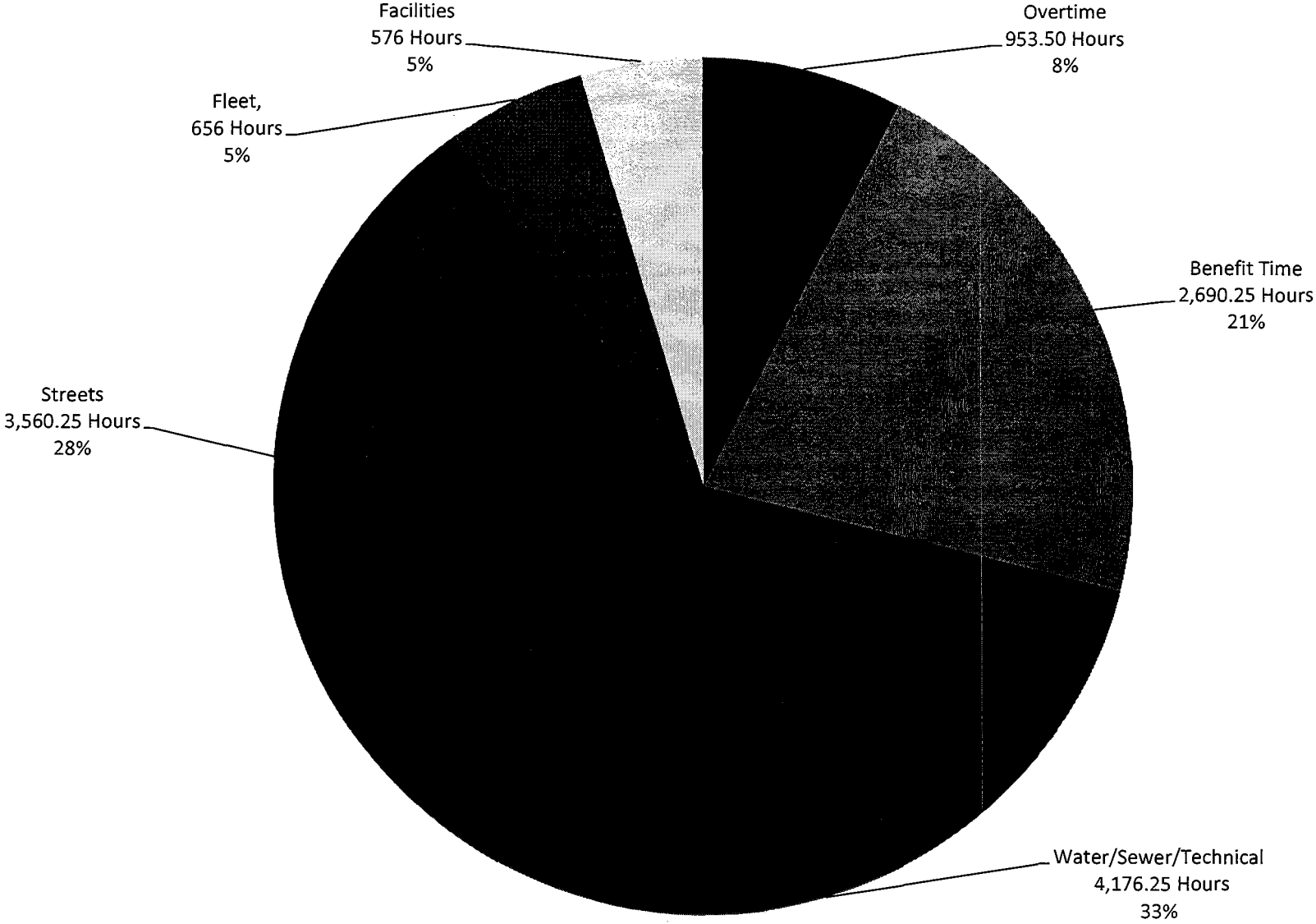


Ken Gomol
Assistant Director of Public Works

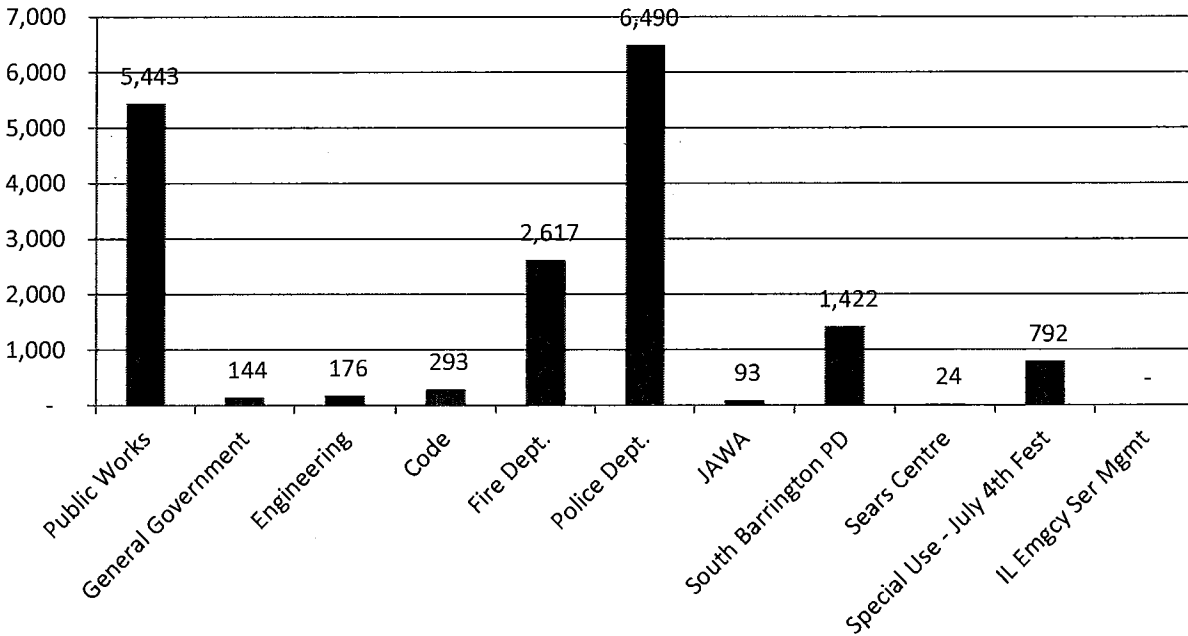


Joseph Nebel
Director of Public Works

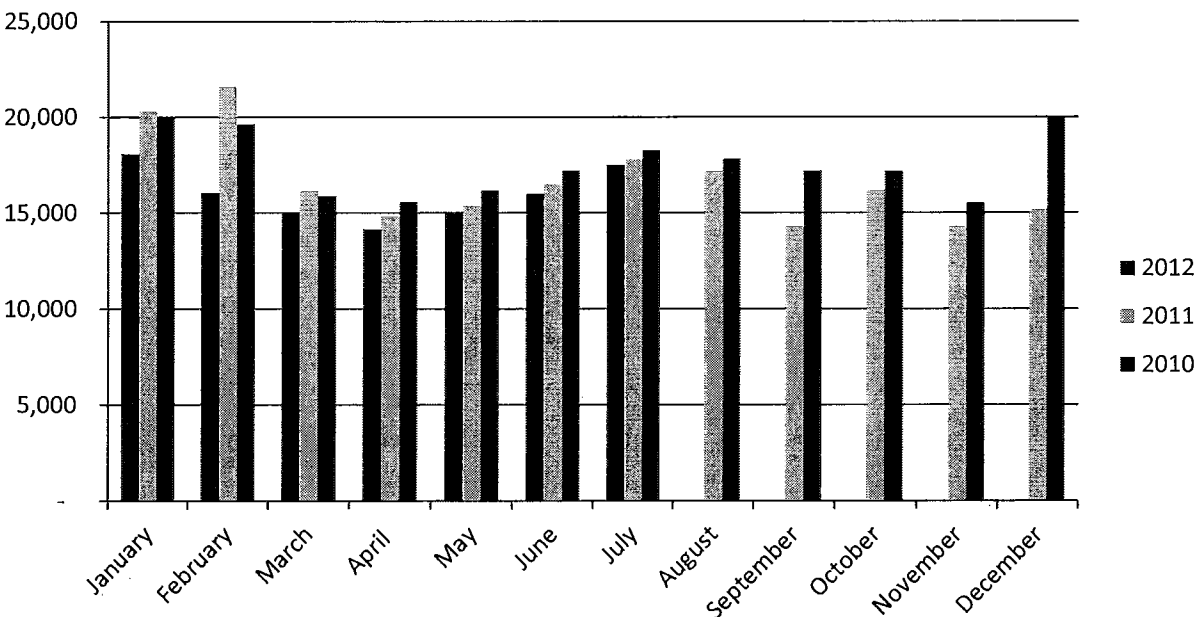
Public Works Department Total Hours July 2012



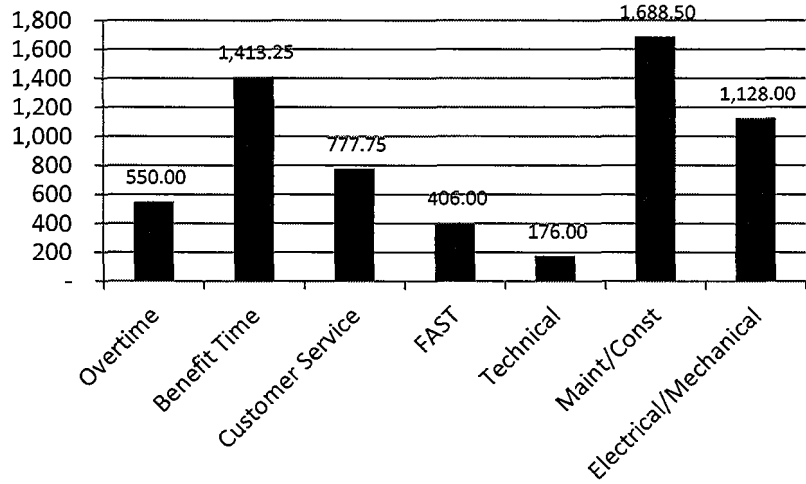
July 2012 Fuel Usage by Department / Gallons



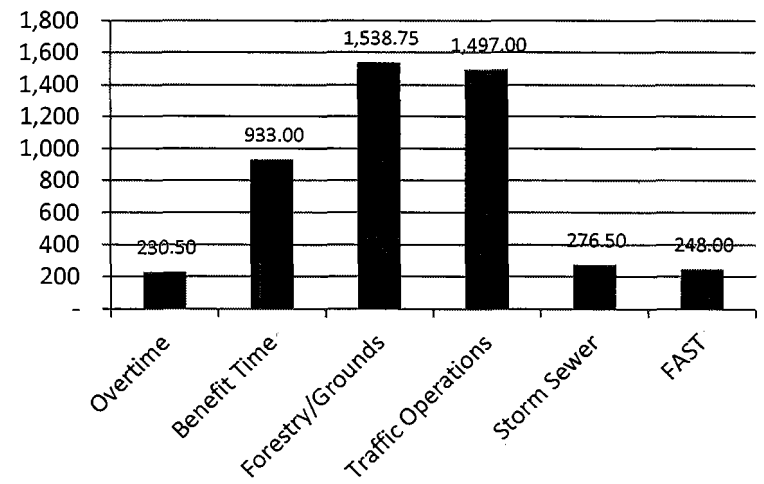
Total Fuel Used / Gallons



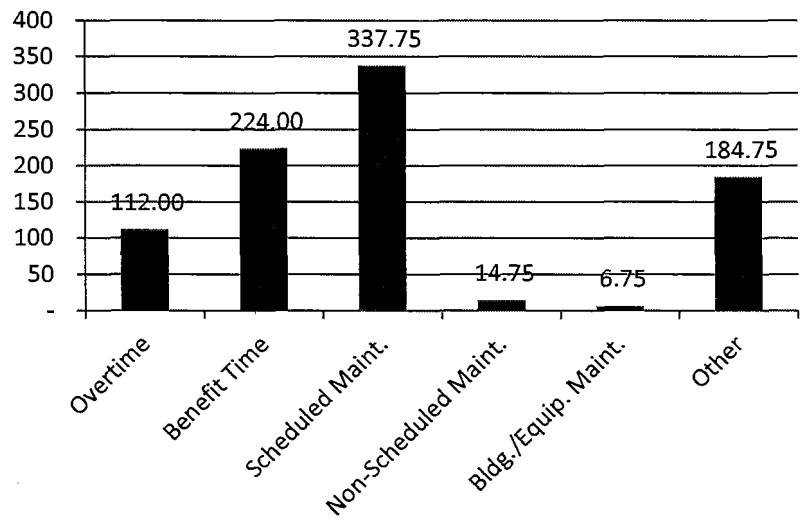
Water Total Hours July 2012



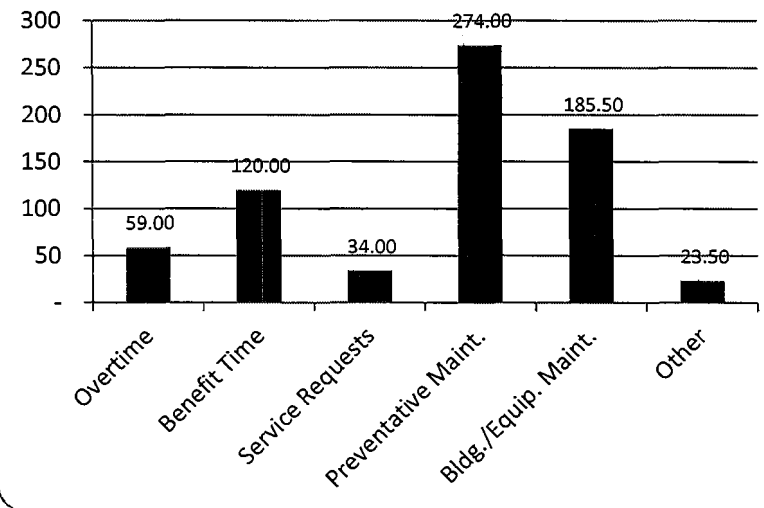
Street Total Hours July 2012



Fleet Total Hours July 2012



Facilities Total Hours July 2012



*** MAJOR PROJECT STATUS****2011/2012 Sanitary Sewer Rehabilitation**

On December 5, 2011, the Village Board approved Visu-Sewer of Illinois, Inc to perform repairs to the sanitary sewer system. The contracted work included 8 full sections of manhole to manhole CIPP (Cured-in-Place Pipe) lining of approximately 1960 feet of sewer mains, installation of 3 manholes and replacement of 100 feet of sewer pipe through excavation to correct a back pitched flow condition. A pre-construction meeting was held on January 26, 2012. The work started in the week of February 13th. The construction zones occurred on the following streets:

1. Between 200 Lafayette Lane and 250 Lafayette Lane
2. Between 600 Edgemont Lane and 690 Edgemont Lane
3. Between 590 Lakeview Lane and 630 Lakeview Lane
4. Between 250 W. Berkley Lane and 296 W. Berkley Lane
5. Between 620 Audubon Street and 705 Audubon Street
6. The south side of Mayfield Lane from 1405 to 1505 for replacement of back pitched sanitary sewer

Before the end of February 2012, the installation of three manholes was complete. 210 feet of pipe was replaced to correct the back pitched area on Mayfield Lane. In March, 5 spot repairs by excavation have been completed (3 at Lakeview for a total of 44 feet), 1 at Edgemont for a total of 10 feet and 1 at Audubon for a total of 7 feet).

In April, one additional spot repair by excavation was done at Lakeview Lane for replacement of 14 feet of sewer pipe and 8 full sections of manhole to manhole CIPP lining of 1,967 feet were completed at the following locations: Locations 1 – 5 as stated above.

Site restoration with sod and replacement of damaged driveway sidewalk is complete except for the Lakeview site, which will be done when the weather is favorable. A 2nd list of approximately 1,800 feet of CIPP lining of sewer mains is currently planned for July/August this year with priority ranked as follows:

- Between 620 W. Berkley and 630 W. Berkley (manhole 772 – manhole 773)**
- Between 1910 Ashley and 1990 Ashley (manhole 302 – manhole 301)**
- Between 1620 Pierce and 1660 Pierce (manhole 344 – manhole 343)**
- Between 190 Westview and 230 Westview (manhole 986 – manhole 1009)**
- Between 170 Westview and 190 Westview (manhole 1009 – manhole 1010)**

Sanitary sewer flow monitoring was conducted to determine any additional sites to be added to the critical repair list.

The project is expected to close in September 2012.

Installation of a Wireless Communication Infrastructure for the SCADA System

On May 7, 2012, the Village Board authorized the contract for the Installation of a Wireless Communication Infrastructure to replace the existing leased telephone circuits. The project covers a thorough review of the existing hardware and software, practical plan for phasing out the tree leased phone circuits, installation of the radio antenna, power supply and system programming for all sixteen (16) lift stations, seven (7) water towers, three (3) reservoirs, five (5) flow meters, two (2) booster pump stations and two (2) high service pump stations. A Notice-to-Proceed was issued to the contractor, Automatic Control Services on May 30, 2012, and a project kick-off was held on June 6, 2012. A FCC license application was submitted on June 20, 2012.

In July, the proposed frequency for the water/sewer system control (159.750 MHz) was checked to ensure no interference from owners of antenna on Stonington tower using the 150 MHz frequency range including Village Police Department using 155,715 MHz for backup police radio system (VHF). Antenna transmission and receiving test is planned for early August to determine whether all remote water and sewer facilities (28 sites) are within the communication range of Stonington Tower.

The project is expected to close in December 2012.

***Added information**

ADMINISTRATIVE AND TECHNICAL SERVICES

During the last month the following was completed:

1. Participated in weekly site plan review meeting
2. Performed download of M-Cal gas calibration readings per OSHA/IDOL requirements
3. Prepared articles for Citizen and Village Voice
4. Coordinated monthly job code data entry
5. Prepared monthly report charts
6. Performed sidewalk inspections in various locations in the Village
7. Performed parts purchasing and inventory for Fleet Services
8. Updated monthly performance measures report
9. Reviewed plans for Bradwell Estates and Firestone on Roselle Rd.
10. Attended JULIE on-line training
11. Performed sidewalk inspections in Prairie Stone with Engineering Division
12. Assisted sanitary crew with flow management database
13. Performed bi-weekly sanitary database back-up and antivirus scan
14. Updated storm sewer atlas and creek structure angles
15. Estimated size of sanitary televising DVDs for 2009-2011
16. Updated GIS database with water main/water valve field corrections in South section
17. GPS work: Utilities at St. Alexius East garage and Emergency Room, storm sewers in South area of Village, water configuration at Helen Keller School, storm sewer at Marriot Garden and Poplar Creek Village, Barrington Square Mall exposed water main, Ricky Rockets site new valve and main, storm sewer on Higgins, Golf and Barrington Rds

UTILITY LOCATES TEAM

1. Performed 438 regular priority J.U.L.I.E. utility locates for the month; 2186 year-to-date
2. Performed 20 emergency priority J.U.L.I.E. utility locates for the month; 119 year-to-date
3. Participated in 11 Utility Joint Meets; 81 year-to-date
4. Performed R.O.W. inspections
5. Performed sanitary sewer inspections

STREETS

- **F.A.S.T. (Fast Action Service Team)**

1. Responded to 157 requests for the month, 483 year-to-date
2. Assisted meter shop with shut-offs of delinquents meter accounts
3. Performed water bill drop box pick ups
4. Assisted with sanitary sewer inspections
5. Performed R.O.W. clean-up in various locations throughout the Village
6. Performed mail run duties
7. Performed building maintenance at Fleet Services
8. Performed street light inspections
9. Received deliveries at Susan Kenley-Rupnow Public Works Center
10. Performed floor grate inspections at Susan Kenley-Rupnow Public Works Center garage
11. Performed tower light inspections
12. Performed monthly maintenance on 5 message boards
13. Assisted with meter appointments
14. Transported loads of black dirt
15. Assisted with vault meter change-out program
16. Assisted with Electronic Recycling at Village Hall
17. Assisted with Public Works recycling and battery recycling
18. Attended new skid-steer training
19. Performed cleaning of wash bay at Fleet Services
20. Performed site lock ups at Susan Kenley-Rupnow Public Works Center and Fleet Services
21. Performed lamp inspections at Susan Kenley-Rupnow Public Works Center
22. Assisted with water meter route reading
23. Exercised conveyor belt system at West site
24. Exercised flood gate valves on Pierce
25. Set up and took down signs for Village Green concerts
26. Performed 4th of July Festival preparations
27. Transported vehicles for Safety Lane testing

18 Woodchip deliveries
 3 Storm Sewers
 100 Branch pick-ups
 2 Meter change out
 1 Mailbox repair
 3 B-box repairs
 1 Sidewalk deviations

1 Graffiti removal
 2 Possible water leak
 9 Miscellaneous service requests
 11 Dead animal pick-ups
 2 Debris in roadway
 4 Illegal dumps

- PAVEMENT MAINTENANCE TEAM

1. Repaired potholes at various locations Village-wide
2. Performed scheduled equipment maintenance on Unit #50 and pavement equipment
3. Performed street inspections and inventory for pavement repairs
4. Performed yard maintenance at Fleet Services facility
5. Performed guard rail repair and inspection along Bode Rd.
6. Performed raised pavement marking and delineator repairs at various locations Village-wide
7. Performed pavement equipment maintenance
8. Assisted with street light maintenance and repairs
9. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center
10. Assisted sign team with maintenance repairs
11. Performed Old Sutton delineator maintenance
12. Performed purchasing and budget work for pavement team
13. Performed street repairs at various locations throughout the Village of Hoffman Estates
14. Performed curb line repairs with hot patch asphalt at various locations Village-wide
15. Performed Thermoplastic pavement marking at various locations Village-wide
16. Performed inlet pre-cut maintenance at various locations throughout Village
17. Performed asphalt grind and patch at various locations Village-wide
18. Performed contractor 2012 pavement marking Village-wide
19. Performed safety coordination of Department Tailgate and Department training research
20. Performed storm damage maintenance Village-wide
21. Performed truck set up on Unit #44
22. Performed 4th of July Festival preparations
23. Transported vehicles for Safety Lane testing

- SIGNS

1. Assisted with street light repairs
2. Performed sign straightening at various locations Village-wide
3. Performed traffic barricade maintenance
4. Replaced or repaired 5 signs due to wind, vehicle damage or vandalism
5. Assisted with pothole repairs and patching at various locations Village-wide
6. Performed purchasing/pricing of sign maintenance and repair supplies
7. Performed tree trimming for sign clearance at various locations Village-wide
8. Performed ongoing street sign inventory
9. Assisted with hot asphalt patching at various locations Village-wide
10. Performed sign reposting on Flagstaff Ln., Deerpath Ln., Williamsburg Dr., Chatsworth Ln., Candlewood Ln., Kingsdale Rd., Dorchester Ln., Wainsford Dr.
11. Fabricated, assembled and installed signs at various locations Village-wide
12. Performed ESDA room barricade maintenance
13. Removed and stored 4th of July banners and signage
14. Removed all concrete sign post holders from EDA area
15. Performed preventative cleaning of storm sewer inlets
16. Performed storm branch clean-up at various locations Village-wide
17. Fabricated 3 sign for asphalt crew
18. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- **STREET LIGHTS**

1. Responded to 9 resident requests for repair service; 37 year-to-date
2. Repaired 25 street lights; 245 year-to-date
3. Locate street light cable ground fault for ComEd
4. Supervised July 4th parade route street sweeping
5. Cleared tree branches obstructing street light poles in various locations Village-wide
6. Participated in storm branch pick-up
7. Assisted with inlet cleaning
8. Mortared around numerous street light pole bases in EDA
9. Assisted with sign installations at various locations Village-wide
10. Located street light cables for sign installations, storm sewer and water excavations
11. Performed 4th of July Festival preparations and take down
12. Participated in Public Works skid-steer training
13. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

FORESTRY TEAM

1. Responded to requests for service; 97 for the month; 509 year-to-date
2. Emerald Ash Borer (EAB) Ash tree removals; 36 for the month, 121 year-to-date
3. Ash tree reduction removals; 0 for the month, 31 year-to-date
4. Performed routine tree maintenance, branch pick-ups, tree removals, storm damage, corrective treatments, inspections and tree trimming Village-wide
5. Performed tree equipment maintenance
6. Performed measurement and logging of daily precipitation
7. Performed tree inspections related to Emerald Ash Borer
8. Performed planting bed maintenance
9. Performed mowing contractor follow-up
10. Performed watering of newly planted trees
11. Performed ground trimming in the Evergreen subdivision
12. Supervised EAB contractor tree removal program
13. Performed duties related to stump grinding
14. Performed ground tree trimming Hunters Ridge area
15. Performed 4th of July Festival preparations and take-down
16. Participated in Public Works skid-steer training
17. Transported vehicles to Safety Lane for testing
18. Performed garage floor maintenance at Susan Kenley-Rupnow Public Works Center

WATER & SEWER

• STORM SEWER TEAM

1. Performed monthly lake/creek checks and maintenance
2. Performed vehicle equipment maintenance
3. Performed yard clean-up and maintenance at Fleet Services facility
4. Continued beaver dam checks east and west of Harmon Blvd.
5. Completed weekly barricade checks
6. Performed creek maintenance in Victoria Park wetlands, trench from pond to creek line
7. Completed water main repair at 195 W. Berkley
8. Assisted with valve replacement on Hassell Rd. at Comfort Inn
9. Completed inlet repair at SE c/o Bode Rd. at Partridge Hill Dr.
10. Performed 4th of July Festival preparations and take-down
11. Performed garage floor maintenance at Susan Kenley-Rupnow Public Works Center

• OPERATIONS TEAM

1. Collected (60) monthly water samples for bacteriological testing, (7) raw well water samples and (1) residential water quality sample, (8) disinfection by product Stage 2 samples
2. Performed weekly well and lift station checks
3. Exercised wells, discharged to waste
4. Collected JAWA and Interzone pump readings
5. Performed monthly sump pump maintenance at all wells, lift stations, towers and JAWA pits
6. Assembled monthly water usage and IEPA water report
7. Performed electrical work and trouble inspections at Village-owned buildings
8. Performed back-up generator maintenance at lift stations, pumping stations, radio system locations and Village buildings
9. Monitored water construction and water operating permits, including water pressure tests and bacteriological testing
10. Performed maintenance on Western Development Area lift station up-blast fan
11. Installed 2 rebuilt pumps at Eric lift station
12. Downloaded flow monitoring information in Highland area
13. Monitored all tower antenna projects
14. Completed new compressor controls at Fleet Services
15. Calibrated JAWA meters 1, 2, 3 & 4

- CONSTRUCTION / MAINTENANCE TEAM

1. Performed water and sewer excavation barricade checks at various locations Village-wide
2. Performed clean-up of spoil bins at Fleet Services facility
3. Performed clean-up of spoils at dead end of Pembroke Ave.
4. Performed water/sewer restoration site inspections at various locations Village-wide
5. Performed storm sewer, cleaning and lake / creek checks
6. Performed hydrant replacement and/or repairs at 820 Bode Rd at Keller Jr. H.S.
7. Assisted with stump grinding clean-up
8. Performed black dirt and seed restoration
9. Performed valve replacement at Comfort Inn on Hassell Rd.
10. Performed water main repairs at 555 Paris Ln., 425 Newark Ln., Rt 72 East of Apple St., 1785 Pebblewood Ln., 195 W. Berkley Ln., 455 Western St., 4225 Haman Av.
11. Performed concrete removal at various locations Village-wide
12. Performed b-box repair at 485 Lincoln Dr., 1467 Islandview Ct.
13. Assisted with maintenance of wetlands at Victoria Park
14. Performed 4th of July Festival preparations and take-down
15. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- SANITARY SEWER FLOW MANAGEMENT TEAM

1. Flushed 36,364 feet of main sewer lines for the month, 193,323 feet year-to-date
2. TV inspected 0 feet sanitary sewer for the month, 7,333 feet year-to-date
3. Assisted with wash down on Newark Ln.
4. Applied liquid and dry microbe formula for enhancement of wastewater treatment systems
5. Completed restaurant trouble spot list
6. Completed flushing and cutting of quarterly trouble spots
7. Responded to possible sewer back-up at 1730 Ida Rd.
8. Performed 4th of July Festival preparations and take-down
9. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

- STORM SEWER CLEANING/UTILITY LOCATE TEAMS

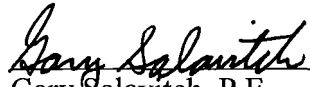
1. Vacuumed and flushed 31,416 feet of storm sewer year-to-date; water usage Unit #66 253,808 gallons
2. Completed sanitary sewer service inspections at 4270 Forest Glen
3. Performed routine vehicle and equipment maintenance
4. Performed barricade checks at various sites Village-wide
5. Performed installation of new fire hydrants at 820 Bode Rd.
6. Performed water main valve inventory in the Parcels A, B and D
7. Jetted trenches at several locations throughout the Village
8. Pressure washed and painted fire hydrants at Highlands and Moon Lake areas
9. Performed b-box repairs at 1647 Islandview, 1475 Brookside Dr., 505 Newark Ln.
10. Repaired water main leaks at 425 Newark Ln. and Higgins Rd. East of Apple St.
11. Cleared debris from storm inlets in Parcels B, C, D, Highlands, Moon Lake and Barrington Square
12. Installed black dirt and seed at various restoration sites throughout the Village
13. Transported 2 arrow board trailers from Sears site to River Forest and Willow Springs
14. Vactored suspected water leak site west of Barrington Lakes clubhouse to expose broken sprinkler pipe
15. Vactored around 2 fire hydrants at 820 Bode Rd. prior to hydrant replacements
16. Performed 4th of July Festival preparations and take-down

- CUSTOMER SERVICE/METER TEAM

1. Performed 30 Water Billing customer service appointments at various locations Village-wide
2. Performed 302 water meter readings related to actual/finals/investigatory concerns generated through the Finance Department
3. Performed inter-office mail delivery services
4. Performed water meter readings for 15,678 billing accounts
5. Performed corrective water meter repairs for 29 service requests
6. Performed 5 Meter Interface Unit repairs at various locations throughout the Village
7. Performed delinquent water account duties at 54 locations throughout the Village
8. Performed siding permit repairs/inspections at 6 locations Village-wide
9. Performed new construction plan review
10. Performed 4th of July Festival preparations and take-down
11. Performed garage maintenance at Susan Kenley-Rupnow Public Works Center

**TRANSPORTATION AND ENGINEERING DIVISION
DEPARTMENT OF DEVELOPMENT SERVICES
AUGUST MONTHLY REPORT**

Attached is the second installment of the Department of Development Services Monthly Report for Transportation and Engineering for the period ending August 24, 2012.



Gary Salavitch, P.E.
Director of Engineering

MISCELLANEOUS

Staff has provided floodplain information to one resident in the last month.

Staff had no drainage investigations. The drought makes standing water less of a problem.

Staff completed 50 inspections for various permit work such as sealcoating, garages, room additions, parking lot improvements, and private drainage improvements. This includes inspection for the projects below.

We assist Public Works weekly on utility locates for Julie and various other projects.

External and internal communications consist of emails, phone calls, informal meetings and interruptions as well as front counter walk-ins.

PROJECT STATUS

VILLAGE PROJECTS	
PROJECT NAME	DESCRIPTION
2012 Crack Sealing Project	See Transportation agenda item. Village Project Manager – Andy Lobosco
2012 Drainage Project	Four locations are in the design phase for a fall project. These locations and policy were recently approved by the Village Board. Village Project Manager – Gary Salavitch
2012 Street Revitalization Project	Project is 80% complete with the contractor working out west. Please refer to the schedule and monthly status attached to this report. Village Project Manager – Marty Salerno
Barrington Interchange Project	Early project coordination ongoing. More public relations than design work at this time. First CAG meeting complete with another one in September. Please visit barringtonroadinterchange.com for more information. Village Project Manager – Gary Salavitch
Beacon Pointe Drive Detention Basin	No change in the last month. A meeting with the Park District produced a punch list of the remaining outstanding issues with this basin. The Village received letter of credit funds to complete this project. A project to complete the basin landscaping will start this fall. Village Project Manager – Gary Salavitch
Hassell Road Culverts and Reconstruction	The Village received IDOT approval on Phase One design so staff and Hey and Associates are in the middle of the design work on the street reconstruction and culvert replacement project. Road design and plan preparation are ongoing. Village Project Manager – Gary Salavitch

VILLAGE PROJECTS	
PROJECT NAME	DESCRIPTION
Higgins Road Bike Path	The project is complete including the bridge with sod restoration remaining and landscaping to be done in the spring. Village Project Manager – Gary Salavitch
Hoffman Bridge	North parapet wall concrete is being checked for possible work. A consultant is providing a cost for this work. Village Project Manager – Gary Salavitch
Jones/Highland Drainage Solution	Minor issues remain with the storm sewer project to help with the flooding at the Jones/Highland intersection. Village Project Manager – Gary Salavitch
Palatine Road Widening Project	Signal plans completed by staff were submitted to IDOT and comments have been received. The Phase Two design plans have also been submitted to IDOT. The project letting date has been delayed to early 2013. Village Project Manager – Gary Salavitch
Parcel 16	Restoration of the site is needed after obtaining letter of credit funds to complete this work. Project delayed. Village Project Manager – Gary Salavitch
Prairie Stone Parkway/Higgins Traffic Signal	Project will continue in two weeks while the signal conduit and other miscellaneous signal work are complete. Concrete street work is complete. Village Project Manager – Gary Salavitch
Sears Centre Arena	Restoration of existing and new dirt piles in process. Quotes were received to improve these areas. Village Project Manager – Gary Salavitch

COMMERCIAL PROJECTS	
PROJECT NAME	DESCRIPTION
5 East Golf Road (Dino Alex Project)	Project Complete. Village Project Manager – Terry White
Heidner Commercial (Barrington and Hassell)	Underground concrete detention basin complete. Utilities are underway with street crossings complete. Building work to start soon. Village Project Manager – Terry White
Hoffman Plaza	Water service disconnection and easements are still in process. Village Project Manager – Gary Salavitch
Mariano’s Fresh Market	Renovation near completion with opening scheduled for next Monday. Village Project Manager – Terry White
Morizzo Funeral Home	Building work and some site work are ongoing. All utilities are complete, including testing, and storm is in process. Detention basin construction is complete. Parking lot work has started. Village Project Manager – Terry White

COMMERCIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Saddle Room Restaurant	Parking lot work is ongoing. Building work has started. All utilities are complete. Village Project Manager – Terry White
Stone Eagle Restaurant	Site and building work are ongoing. Village Project Manager – Terry White

RESIDENTIAL PROJECTS	
PROJECT NAME	DESCRIPTION
Beverly Apartments	This proposed subdivision at Beverly and Higgins Roads has been reviewed for mass grading and preliminary engineering. Project is still under other review. Village Project Manager – Gary Salavitch
Bradwell Subdivision (Bradwell Road)	No change in the last month. Proposed site layout and preliminary engineering are being reviewed by staff for a proposed 19 lot subdivision off of Bradwell Road. Village Project Manager – Gary Salavitch
Devonshire Woods Estates	Village acceptance occurred on July 2 and this subdivision does not have a maintenance period. Village Project Manager – Gary Salavitch
Yorkshire Woods	The goal is to accept this project as soon as possible. The Park District must still receive the deed for their parcels of land in this project. The Village is facilitating this with the former developer/owner. All other work is complete. Village Project Manager – Gary Salavitch

MISCELLANEOUS PROJECTS	
PROJECT NAME	DESCRIPTION
Barrington Lakes Fence Project	Project guarantee and other preliminary work are submitted for this project. Work to start soon. Village Project Manager – Gary Salavitch
Barrington Square Parking Lot Improvements	The work for the detention / parking lot project has started. Underground detention basin should be viewed to get an appreciation of this large underground detention. Village Project Manager – Terry White

MISCELLANEOUS PROJECTS	
PROJECT NAME	DESCRIPTION
EJ&E / CN Acquisition Project	No change in the last month. Contracts to further study the noise and drainage conditions are complete. A public meeting is proposed soon. A Noise Abatement Wall Open House went well with several residents attending. The advance warning sign project is complete. Intersection and crossing improvements at Shoe Factory Road are complete. Village Project Manager – Gary Salavitch
St. Alexius Medical Building	Parking lot improvements with curb work are complete. Village Project Manager – Terry White
St. Alexius Medical Center	Significant building work is ongoing. The ring road is complete. Utilities are inspected, tested, and are complete. Village Project Manager – Terry White
Shree Jalaram	The original church parking lot expansion is complete and now being revised for the building addition. Previous parking lot project is complete with outstanding issues remaining. Village Project Manager – Terry White

2012 Street Revitalization Project Schedule Update: (August 20, 2012)

RECONSTRUCTION STREETS	Start Date ¹	Pre-Construction				Construction											Landscaping			Percent Complete
		Survey Staking	Tree Root Pruning	Sawcutting	Concrete Removal	Asphalt Removal	Earth Excavation	Sub base Backfill	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Fine Grading	Asphalt Binder	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed		
1. BRITTANY LANE Charlemagne Dr to Charlemagne Dr	6/15/2012																		95%	
2. BUCKEYE DRIVE Bradley Ln to End of Street	5/8/2012		N/A													N/A			95%	
3. DES PLAINES LANE Kingman Ln to Geronimo St	4/25/2012		N/A													N/A			100%	
4. NEWCASTLE LANE Fairmont Rd to End of Street	4/24/2012																		100%	
5. PARKSIDE DRIVE (N) Ridgewood Ln to Huntington Blvd	5/21/2012																		95%	
6. STURBRIDGE DRIVE-PH 1 Portage Ln (S) to Portage Ln (N)	5/17/2012																		95%	
7. STURBRIDGE DRIVE-PH 2 Portage Ln (N) to Westbury Dr	6/6/2012																		95%	
8. WILLIAMSBURG DRIVE (N) Governors Ln to End of Street	4/19/2012																		100%	
¹ Tentative / Actual														Completed		In Progress				

Definition of Construction Steps:

- Survey Staking: Village engineers evaluate existing conditions and use wooden stakes as a point of vertical and horizontal reference.
- Tree Root Pruning: A circular saw machine cuts tree roots to reduce damage to the tree during construction.
- Saw Cutting: A circular saw machine cuts the concrete and asphalt at construction joints.
- Concrete Removal: The contractor removes existing sidewalk, curb and gutter, and driveway aprons that will be replaced.
- Asphalt Removal: The contractor either uses a backhoe or milling machine to remove existing asphalt layers.
- Earth Excavation: Removal of the all materials located below the existing road to a stabilized subgrade.
- Sub base Backfill: The installation of stone to a depth of 6"-8" with a layer of geotextile fabric.
- Storm Sewer: Repair and replacement of existing storm sewer structures and pipes.
- Curb & Gutter: The installation of concrete curb & gutter utilizing mechanical equipment or hand tools.
- Driveway Aprons: The replacement of asphalt and concrete driveway aprons.
- Sidewalks: The replacement of concrete public sidewalks.
- Fine Grading: The shaping of the stone sub base to ensure drainage, compaction, and elevation.
- Asphalt Binder: The first layer of asphalt
- Asphalt Patching: Repair of localized pavement failures on resurfacing streets.
- Asphalt Surface: The final layer of asphalt.
- Striping: Completion of permanent pavement striping.
- Backfill Topsoil: Placement of topsoil to areas that have been disturbed during construction.
- Sod & Seed: Placement of sod and seed to areas that have been disturbed during construction.

2012 Street Revitalization Project Schedule Update: (August 20, 2012)

RESURFACING STREETS	Start Date ¹	Pre-Construction		Construction										Landscaping		Percent Complete
		Survey	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Asphalt Patching	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed		
1. ASHLEY ROAD Highland Blvd to End of Street	4/17/2012							N/A								100%
2. DEERPATH COURT Deerpath Ln to End of Street	4/16/2012											N/A				100%
3. DEERPATH LANE Warwick Cir to Worthington Dr	4/16/2012											N/A				100%
4. FIRESTONE COURT Firestone Dr to End of Street	5/17/2012					N/A		N/A				N/A				100%
5. FIRESTONE LANE Firestone Dr to End of Street	5/17/2012							N/A								100%
6. FLAGSTAFF LANE End of Street to Washington Blvd	4/18/2012															100%
7. FORBS AVENUE Hoffman Blvd to Marriott DW	8/14/2012							N/A								40%
8. GLENDALE LANE Washington Blvd to Morton St	6/22/2012															95%
9. HARRISON LANE Victoria Dr to Firestone Dr	5/17/2012			N/A		N/A	N/A	N/A	N/A	N/A			N/A	N/A		100%
10. HUNTINGTON BOULEVARD Algonquin Rd to Freeman Rd	7/16/2012															100%
11. OLIVE STREET Milton Ln to Kingman Rd	4/25/2012							N/A				N/A				100%
12. PRATUM AVENUE Hoffman Blvd to Prairie Stone Pkwy	8/14/2012							N/A								40%
13. THACKER STREET Illinois Blvd to Lincoln St	4/26/2012															100%
14. TRAILSIDE COURT Westbury Dr to End of Street	6/7/2012															100%
¹ Tentative / Actual										Completed		In Progress				
All resurfacing streets to be completed within 30 days of start date																