



INTERSECTIONS UPDATE

May 3, 2022

Dear Area Resident,

The Village has received inquiries from area residents about the location and purpose of the three green (permeable paver) intersections on Monroe, at Community, Robinhood and Sherwood. This brief letter hopes to address those questions.

GREEN INTERSECTIONS

To help reduce the excess overland runoff draining eastward from La Grange Road and intercept it before it affects additional (low lying) areas, the Village partnered with the MWRD (Metropolitan Water Reclamation District of Greater Chicago) to fund, design and install permeable pavement at three intersections on Monroe Avenue. Many of you have observed the construction of these systems in recent days and there remains one final intersection which is now underway. The concept of a permeable pavement is to excavate under the street and replace the dirt with specially graded stone that holds a maximum volume of water. The road is surfaced with interlocking pavement bricks that allow water to infiltrate between the bricks and enter the stone below. The volume of water that can be stored in the stone below all three intersections is about 79,000 gallons. The MWRD encourages its communities to install these types of “Green” projects to (1) reduce stormwater flows to local sewer systems and prevent combined sewer overflows; (2) address local flooding and draining problems; (3) utilize as a complimentary way to manage stormwater with natural systems; (4) aesthetically enhance public areas and increase a community’s “green space”; and (5) provide improvements in water quality.

CONSTRUCTION

During construction, the contractor installs filter baskets within the catch basins to prevent construction debris from clogging the main sewer lines. During the heavy rainfall on Saturday, April 30th, these filter baskets were filled with debris, restricting stormwater flow into the sewer catch basins. These have since been cleaned and will be maintained weekly to make sure that stormwater is not restricted. Once construction and landscaping is over, the filter baskets will be removed. The completed project will not only be aesthetically pleasing but will help contribute to the Village’s overall storm water management goals.

CENTRAL AREA

As we know, the south central area of the Village is a low elevation (low lying) area and has experienced flooding during heavy storms. This has only gotten worse as more frequent and intense rainfall events are happening. To help alleviate this, the Village is designing a large scale sewer separation program to be installed in the area between Jackson Avenue and Oak Avenue, from Barnsdale Road to Forest Road to collect the rainfall and pump it ultimately to Salt Creek. Once designed, the Village will submit an application for funding to the MWRD in the fall. While we secure the funds necessary to complete the work, and at the urging of the MWRD, the Village first implemented the three stormwater diverting permeable intersections. These intersections will assist with the greater stormwater plan for the area, and will not interfere with future construction locations.

This flyer is delivered to the residents in the immediate intersections area and will be placed on the Village’s website at www.lagrangepark.org.