

# **BROOKBANK ROAD AND DETENTION POND: Neighborhood Meeting Review**

## **Basin Questions and Concerns**

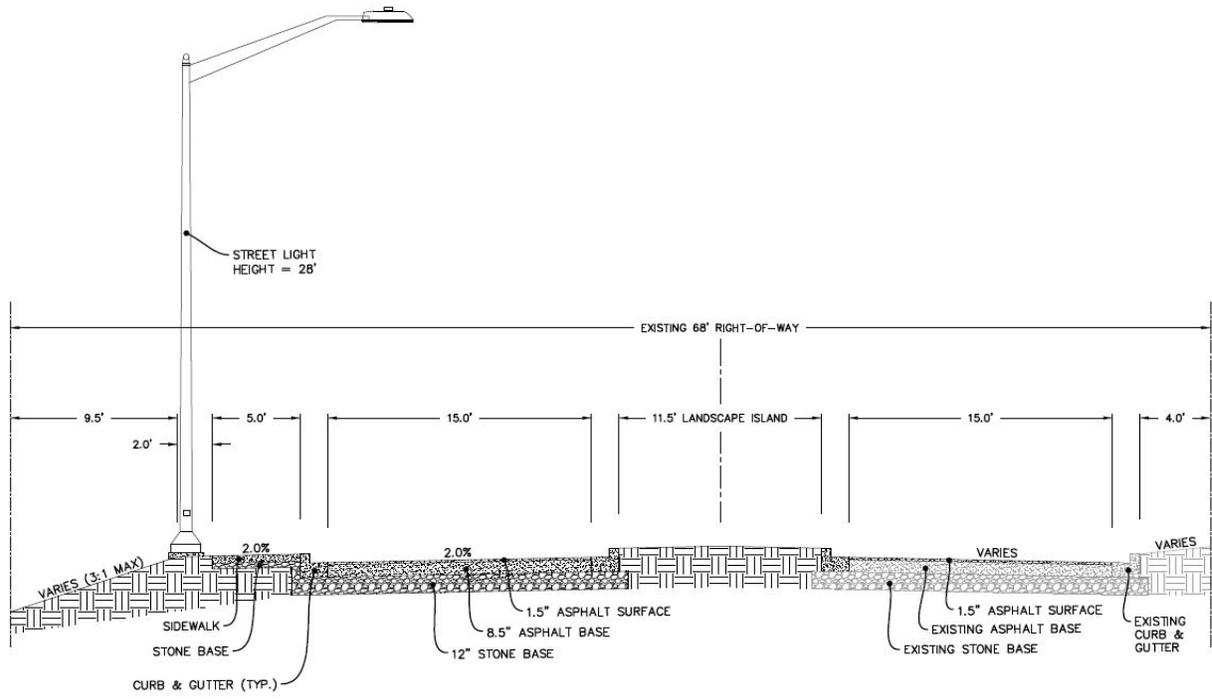
As required by Village and DuPage County codes, the majority of the basin and other public infrastructure improvements including storm sewers were constructed in the early 2000's as part of the Brookbank Prairie Subdivision (Arnold Court). The basin was designed to provide detention for runoff from the new subdivision, the construction of the missing segment of Brookbank Road and to provide compensatory storage for impacts within the floodplain. Prior to 2017, the approved plans for the basin called for retaining walls along the south edge.

The grading of the basin performed in late 2017 included a sloping grade along the south side of the basin instead of the wall that was previously designed. Having a slope, instead of a sheer wall face, provides the ability to plant native prairie plants, and falls within regulations for detention basin slopes. The bottom elevation of the basin is the same as the outlet pipe. The bottom and south slope of the basin will be planted with wetland and native plant species in spring 2018. Many residents along the south side of the basin have fencing along their rear property lines and the Village does not have plans to install additional fencing. The Village does not have plans at this time to perform work within the wetland area south of 59th Street.

## **Sidewalk Questions and Concerns**

The west side of Brookbank Road is located within the floodplain and constructing the missing road segment requires grading in the pond to provide what is referred to as "compensatory storage." Any additional fill material that is placed for the road requires grading additional storage volume within the pond to compensate for the fill volume. Constructing the sidewalk further to the west would trigger this requirement for additional compensatory storage volume as well as compensation for impacts to the wetland area.

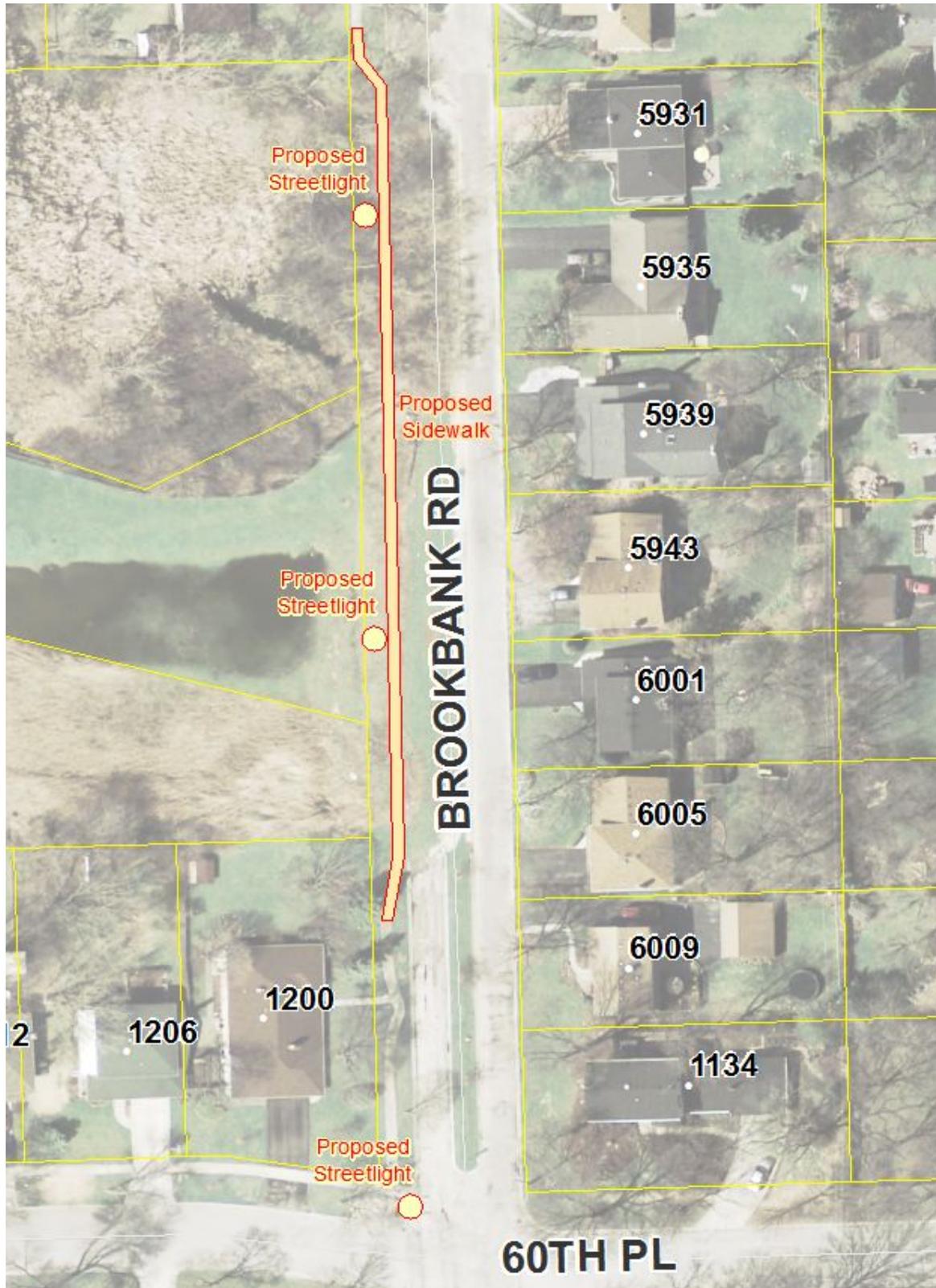
The plan includes the construction of a five foot wide sidewalk along the back of a six inch (6") high barrier curb. A cross-section of the Brookbank right-of-way with the sidewalk is shown below. The Village does not have an ordinance mandating the removal of snow from sidewalks and will not be clearing snow from this section of public sidewalk.



PROPOSED TYPICAL SECTION – BROOKBANK RD

### Streetlight Questions and Concerns

Public streetlights currently exist on the west side of Brookbank Road between 59th Street and 62nd Street, except for the uncompleted segment. The plan is to complete the streetlight system by installing three new lights in approximately the locations shown on the map below, with the same spacing and pole design.



**Traffic Questions and Concerns**

A traffic study will be conducted and will encompass all intersections on Brookbank Road from 59th Street to 63rd Street. Carpenter Street will also be included to analyze the network as a whole. Traffic count data (speed and volume) will be acquired prior to construction in spring 2018 as well as after construction in the fall. Counts can be coordinated to coincide with weekend park activity at Ned Bell Park. Speed data will be shared with the Police Department so they can adjust patrol schedules. Warrants for stop signs will be evaluated using data acquired in 2018. Recommendations will be brought forward to the Transportation And Parking (TAP) Commission for consideration.

**Roadway/Construction Questions and Concerns**

The grading for the basin has been substantially completed and any minor grading work prior to planting will occur in the spring of 2018, along with the construction of the road and sidewalk. Updated information regarding construction activities will be available at <http://www.downers.us/construction-updates>. Residents will also receive construction notices by mail prior to the start of work.