



Village of Lincolnwood Stormwater Pilot Project

Frequently Asked Questions

Q- What is surface storage?

A-Surface storage is the use of the public street to temporarily store stormwater during and after a storm for a designated period of time. The system is designed to have all of the water enter into the sewer system within two hours after a rain event.



Q- Why is surface storage being used to control stormwater?

A-Over the past several years, the Village has explored a variety of options for managing stormwater during large events and surface storage has been determined to provide the greatest benefit at the lowest cost.

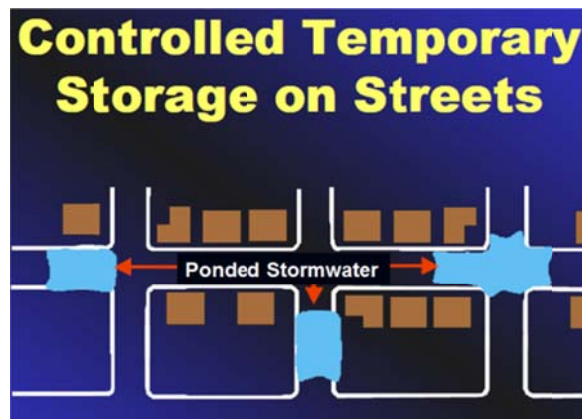
Q- Will the street be filled with water after every rain event?

A- No, only in extreme rains will there be ponding in the street. The ponding will drain within two hours after the rain stops.



Q- How does it work?

A- Gradual Berms are constructed on the street to hold the water where it falls and restrictors are installed inside the sewers to control the amount of water that enters the sewer so that it does not fill up too quickly. Water is stored on the street while waiting to enter the sewer. Restrictors are being placed inside the sewer to prevent them from becoming clogged by debris such as mud and leaves.



Q- Won't the ponded water reach my house?

A- No, each block is engineered separately and carefully. Ponding will only occur on the Village's right-of-way.

Q- Water already ponds on my street, won't this make it worse?

A- This improvement will not make any existing condition worse – in most cases it will improve the level of ponding that occurs.

Q- What is a "10 year rain event"?

A- A storm of such intensity that it has a 10% chance of occurring in any given year.

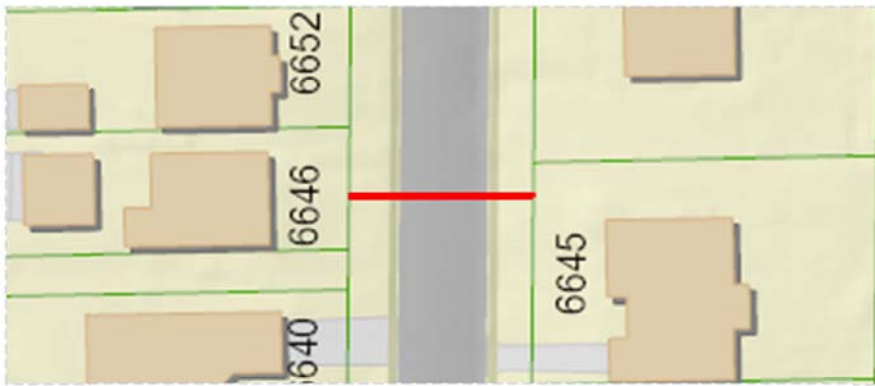


Q- How much water will be on my street?

A- The improvements have been constructed so that during a "10-year rain event" the following maximum depths will occur:

- *6 inches at the center of the road*
- *9-11 inches at the curb*
- *Width within the Village right-of-way (Village owned property, 66 feet wide)*
- *Water will pond for no more than 2 hours on the street*

Maximum Ponding Width
Village right-of-way is 66 feet wide





Q- Has street storage been used in other communities?

A- Yes, it has worked for years in Skokie, Evanston and Wilmette.

Q- What happens if we have a rain event more severe than the “10-year event”?

A- No system is infallible. The system is designed to protect up to the “10-year event” (typical engineering design standard). The system will also reduce the severity of potential flooding effects on storms greater than the “10-year event”.