

# Broadview Sewer and Drainage Improvement Project: Project Overview

## Project Goals:

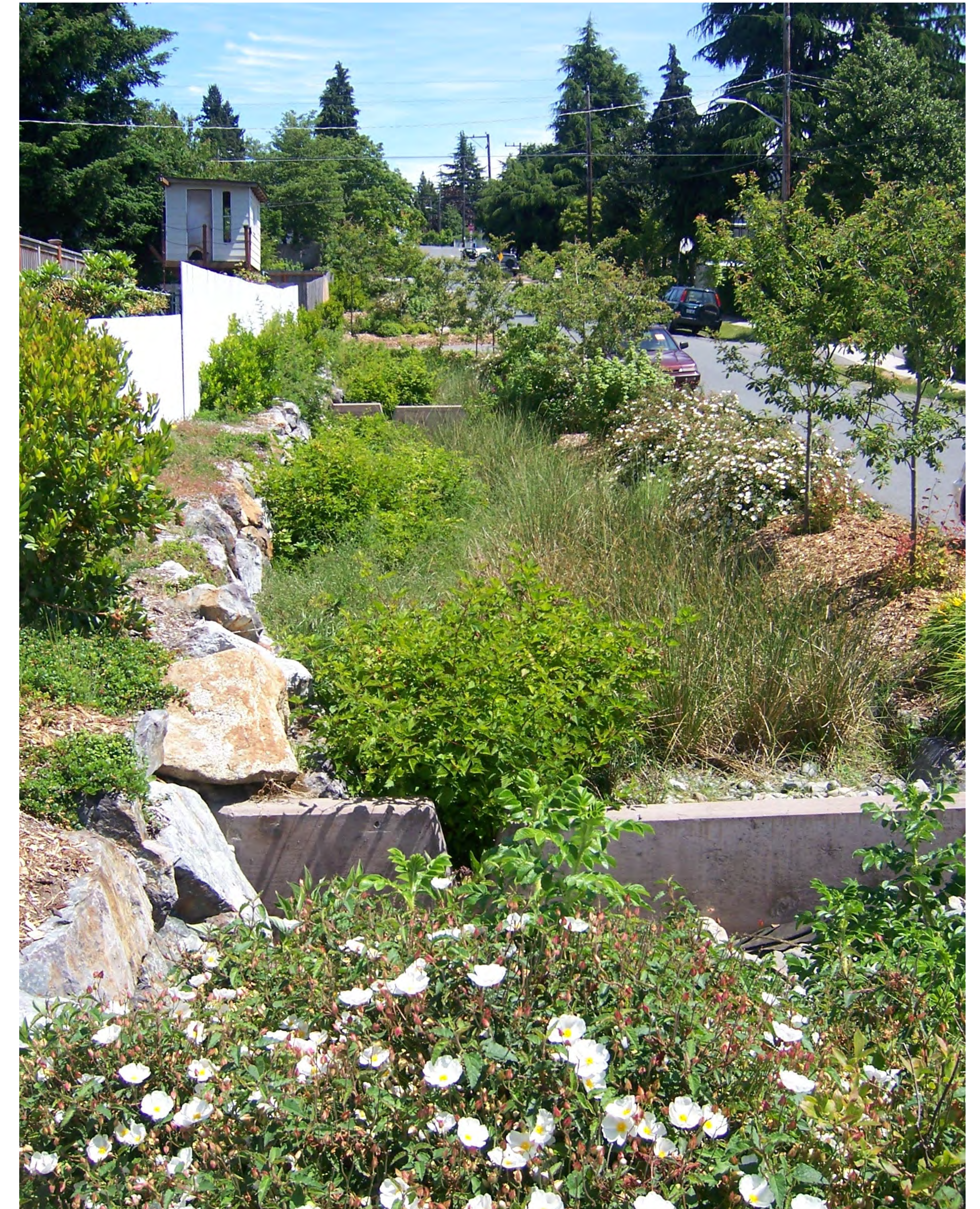
- Reduce the frequency and quantity of sewer backups into homes, properties, streets and creeks in Broadview.
- Reduce the frequency and quantity of stormwater flooding to areas most impacted, especially building structures.

## 12th Ave NW Basin (western one-third of Broadview)

- On March 18, 2014 we presented leading sewer improvement alternatives.
- On June 18, 2014 we presented the leading drainage alternatives.
- Today we are presenting the leading paired sewer and drainage alternatives.
- There will be many opportunities for public input during this alternative analysis process.
- We are planning to complete the options analysis work on sewer and drainage improvements for the 12th Ave NW basin by the end of 2014.

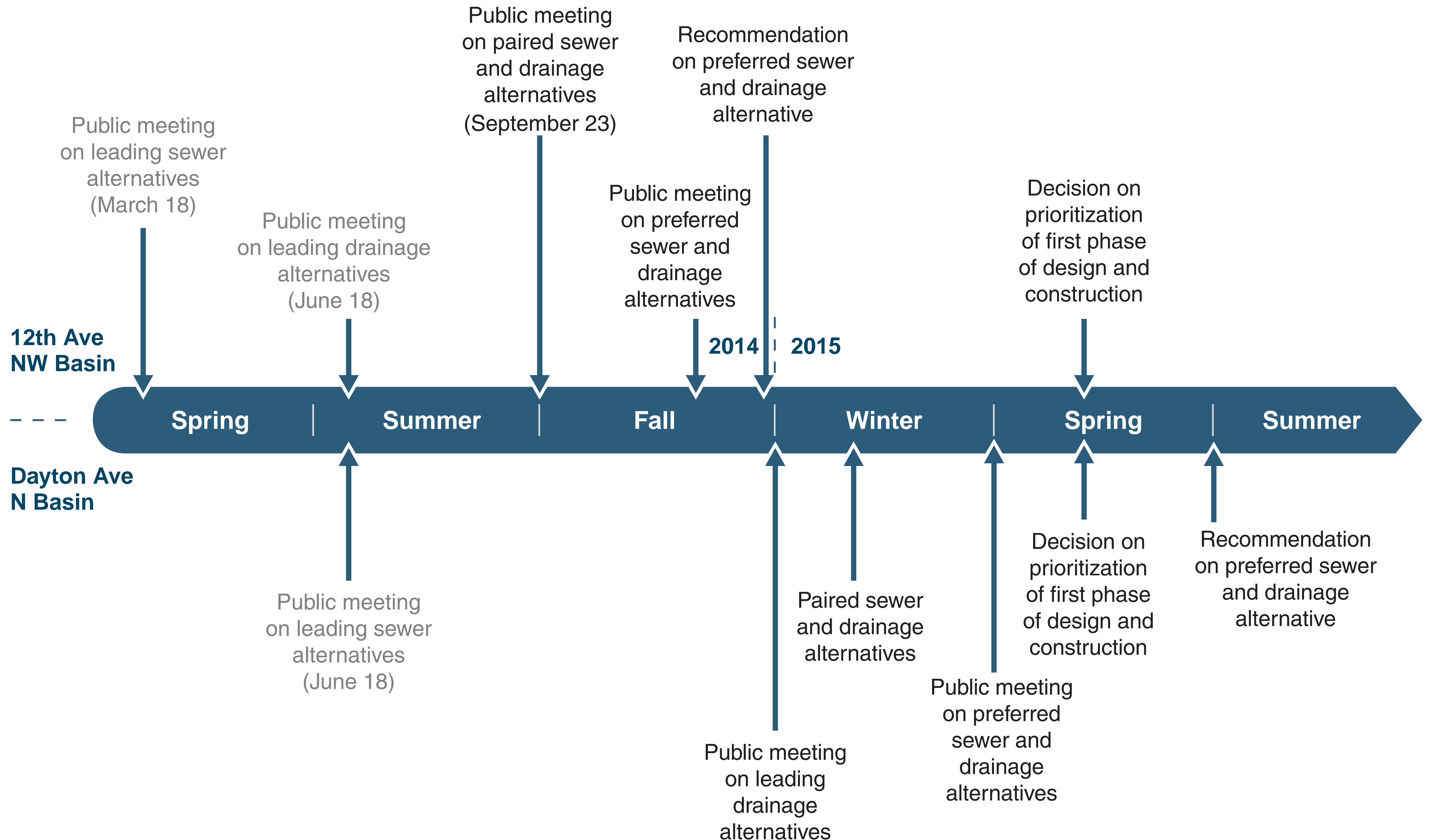
## Dayton Ave N Basin (eastern half and southern portion of Broadview)

- On June 18, 2014 we presented the leading sewer alternatives.
- Next we will present leading drainage alternatives.
- Then we will pair sewer and drainage alternatives together and present to the community for input.
- We expect to complete this options analysis work between spring to mid-2015.



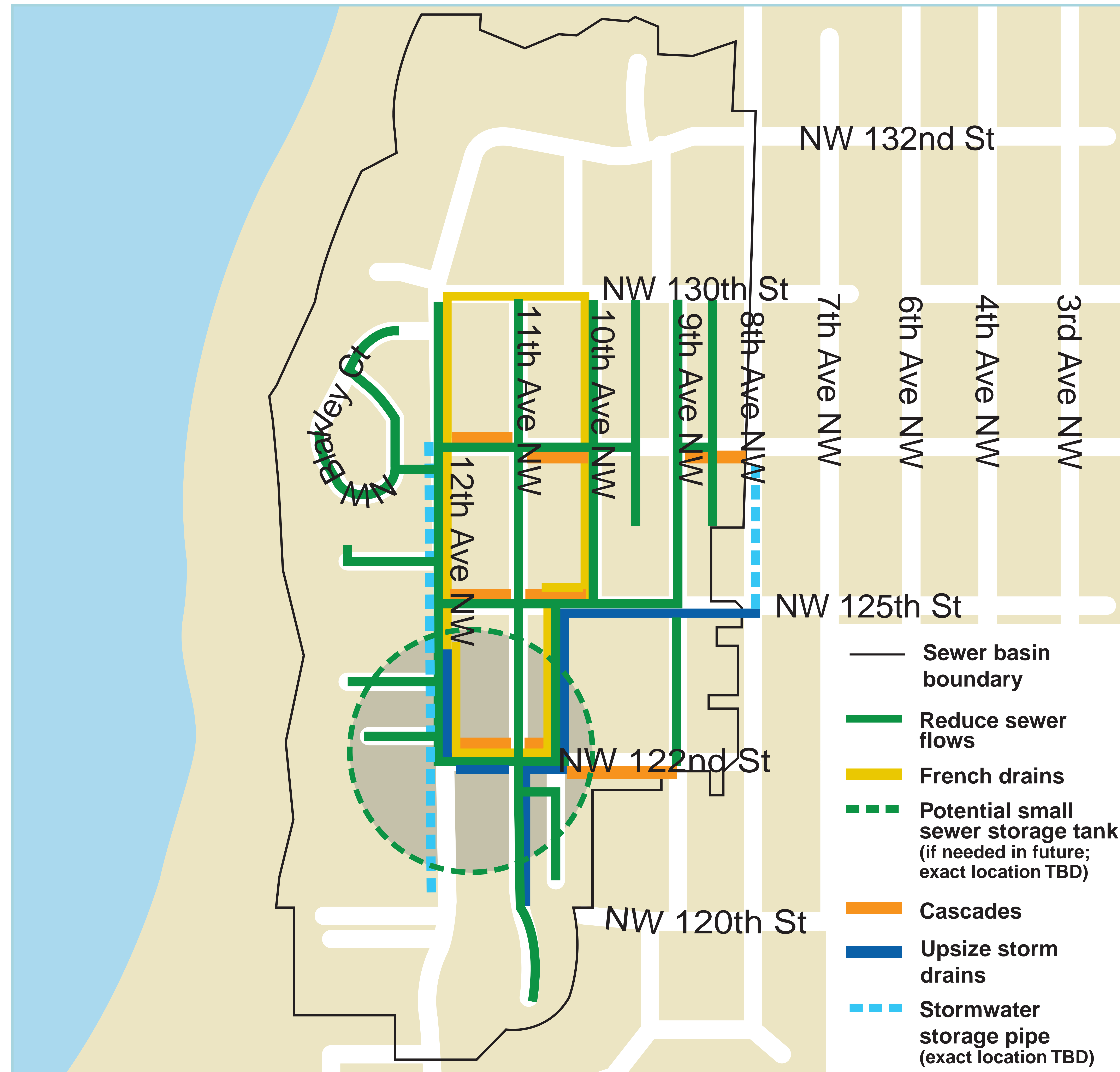
*NW 107th Street stormwater cascade*

# Project Timeline



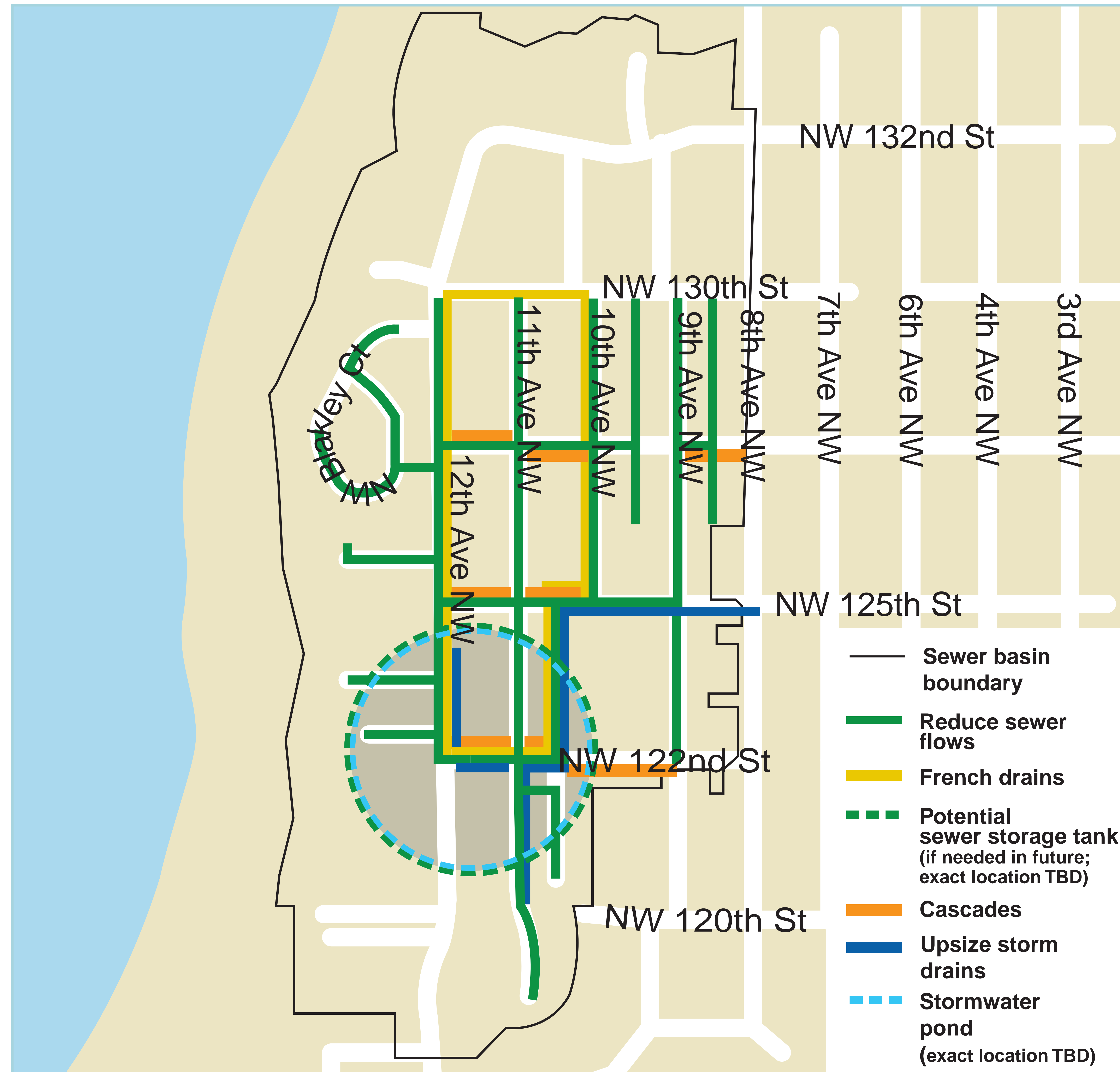
# Paired Alternative A - Conceptual Configuration

## 12th Avenue NW Basin



# Paired Alternative B - Conceptual Configuration

## 12th Avenue NW Basin



# Paired Alternative C - Conceptual Configuration

## 12th Avenue NW Basin



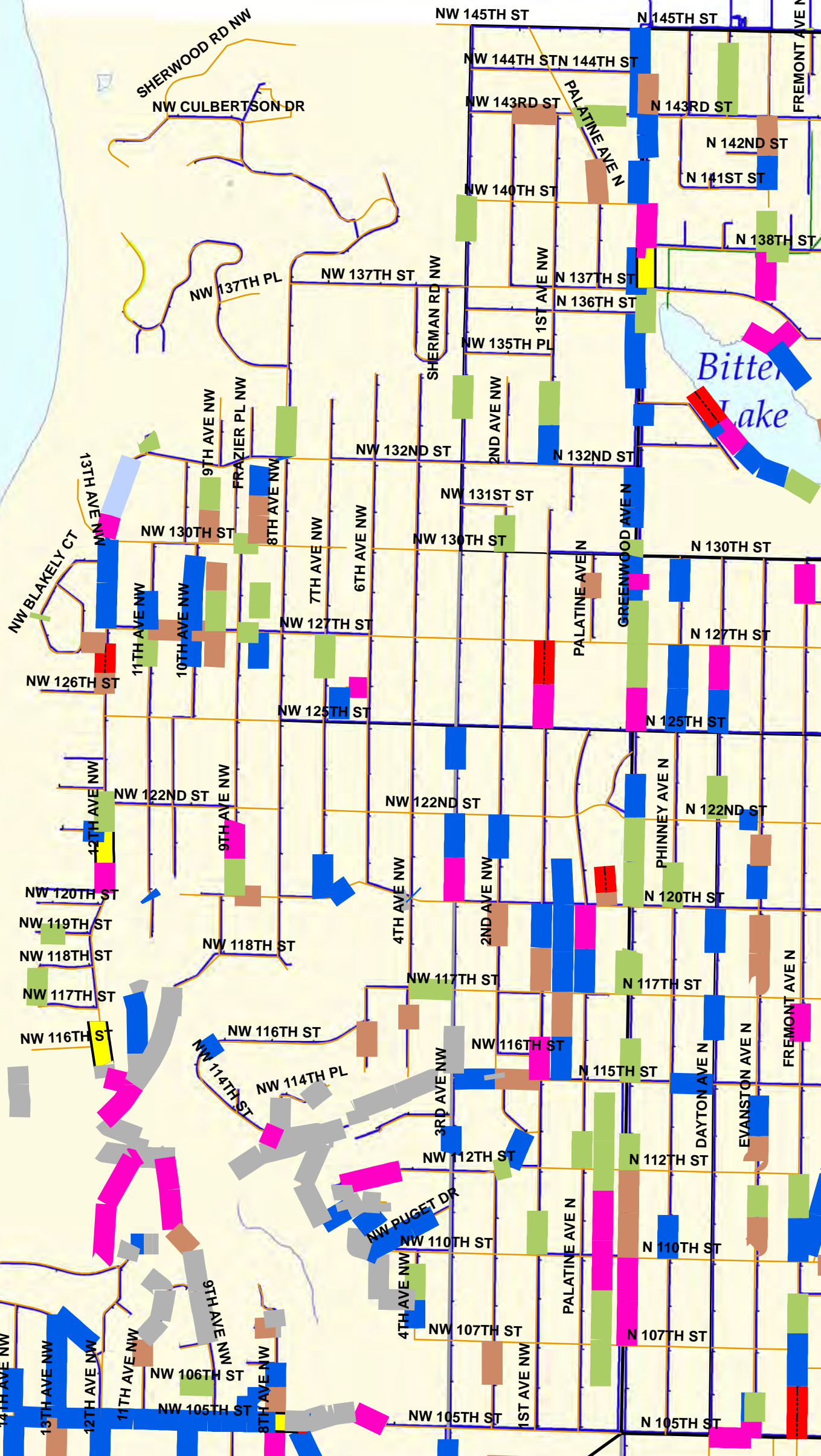
# Paired Alternative D - Conceptual Configuration

## 12th Avenue NW Basin



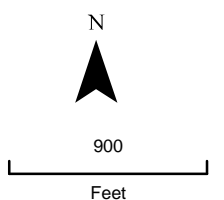
## DWW Mainlines (Permitted Use)

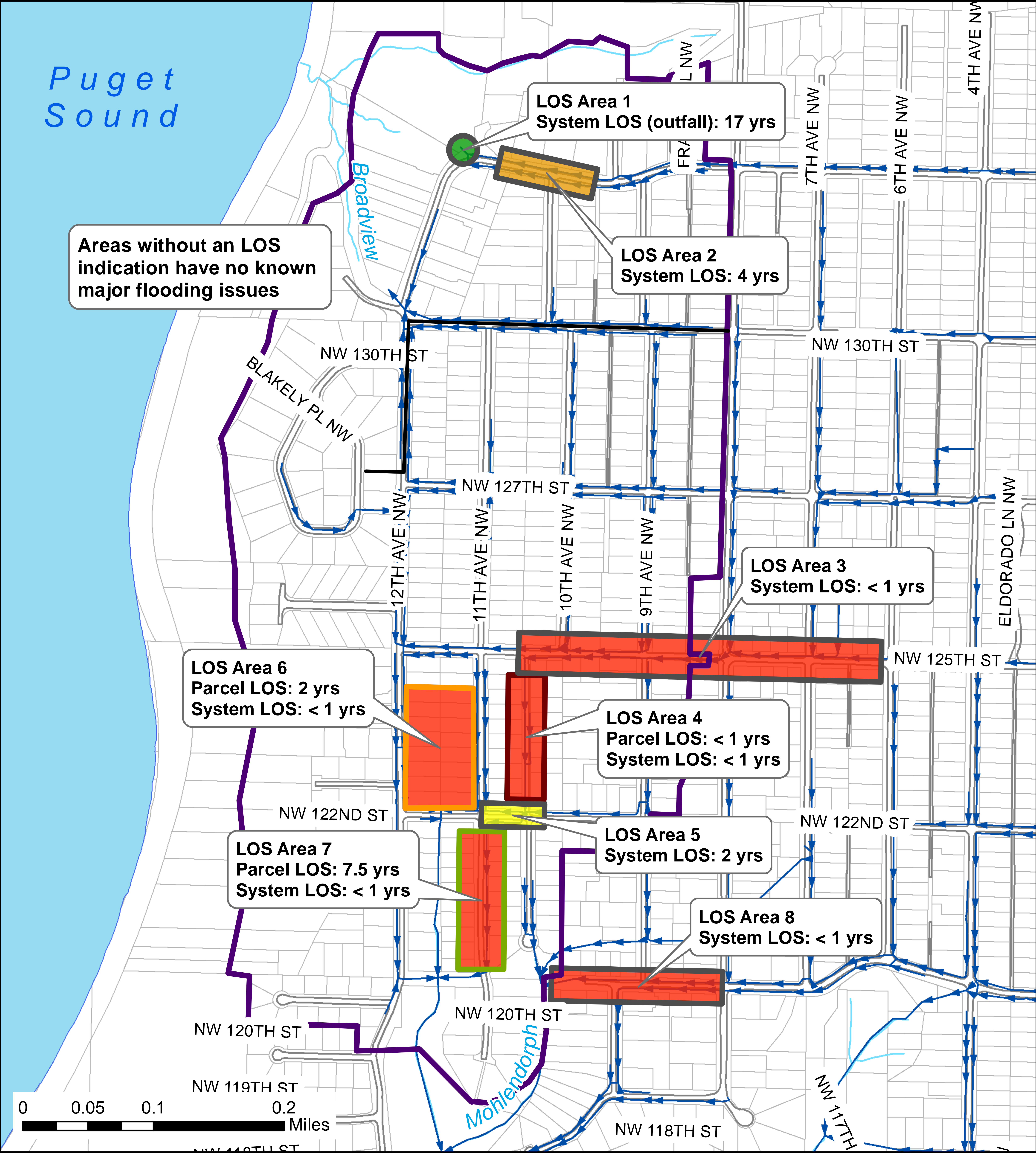
### MAINTENANCE FREQUENCY



# SPU Preventative Maintenance Frequencies

Broadview Area: Fremont Ave N to Water / N 145th St to N 105th St





Final 12th Avenue Stormwater  
Estimated Level of Service

Modeled with SPU 158 Year Timeseries

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[illegible]

Not to  
Scale