

City of Noblesville – Long-term Control Plan & Maple Avenue Project

Design Advisory Committee Meeting
February 4th, 2009



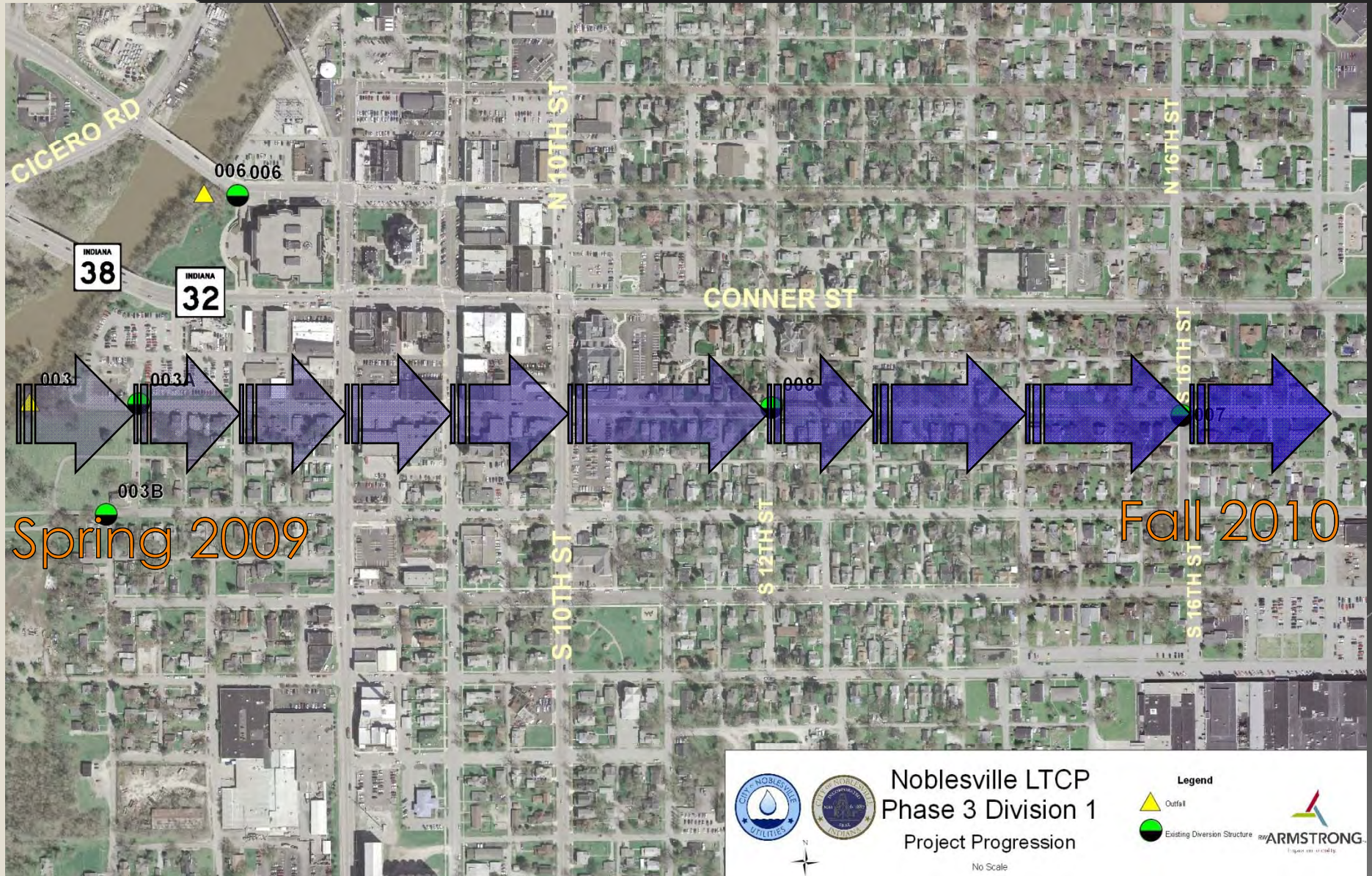
Design Advisory Committee

- ◉ Serve an important advisory role to the Project Team
 - › Sidewalks, Tree/plant selection, Lighting/signage
- ◉ Become educated on the technical issues surrounding the project to serve as a resource to the general public
- ◉ Serve as a liaison between the community you represent and the Project Team
- ◉ Share your views and discuss project design elements with one another in a small-group setting

Anticipated Schedule

- Design Advisory Committee Mtgs – Winter 2009
- Bid Requests – Spring 2009
- Construction Begins – Early Summer 2009
- Construction Complete – Fall 2010

Construction Sequencing

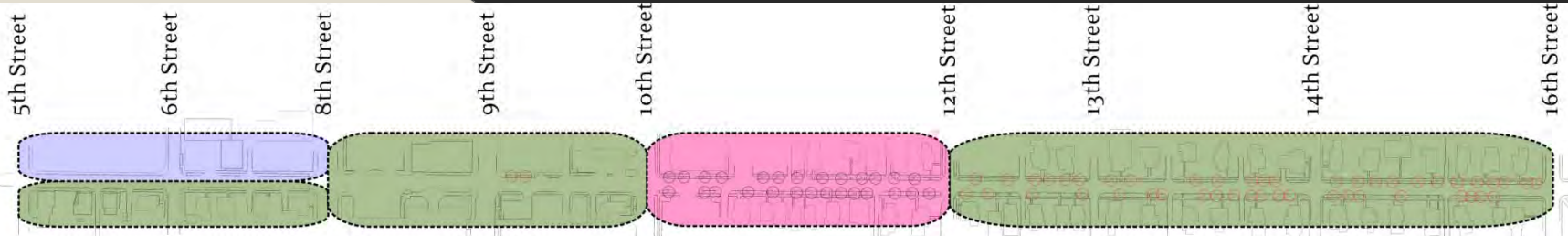




Sidewalk Infrastructure

Maple Avenue Project
Elements

Extent of Construction



2

EXTENT OF CONSTRUCTION

1" = 80'



Road Work Only

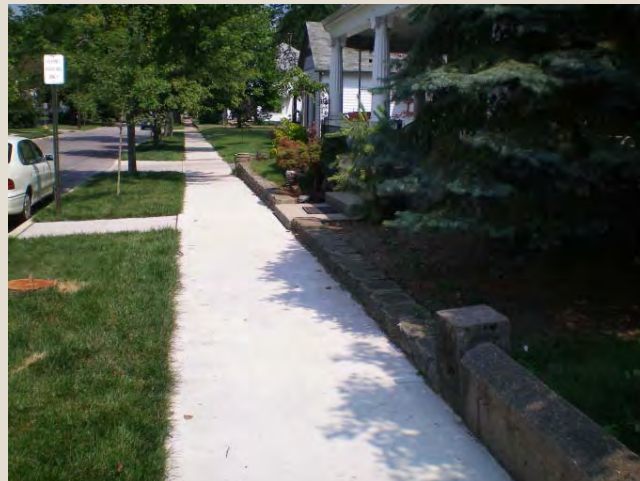
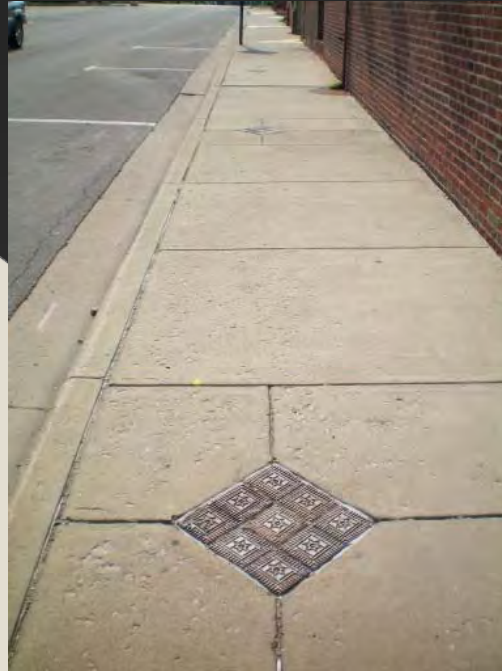


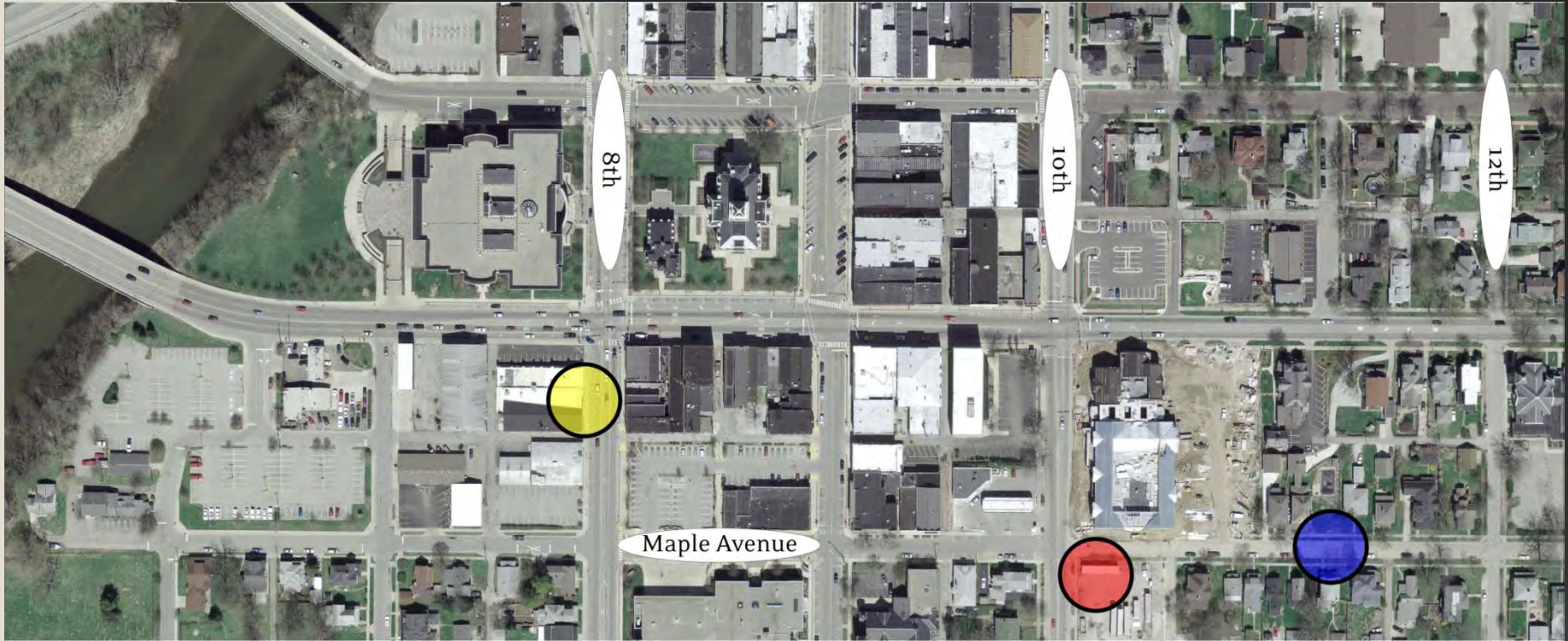
Road and Curb



Road, Curb, Tree, and Sidewalk

Sidewalks Alternatives





Concrete with Star Brick Inlay



Stamped and Colored Concrete



New Concrete



- Stamped and Colored Concrete
- Mimics Existing Brick in Area
- Exists at City Building South Parking
- Moderate Cost



- ADA Compliant at All Crossings
- Truncated Dome Pavers
- Grooved Ramp Surface
- City Standard



- Historic Paver Inset
- Exists in Neighborhood
- Use Stockpiled Bricks
- Highest Cost



- Standard Concrete
- Typical Sidewalk Treatment
- Least Cost
- New Concrete Walk Exists Within Project Area



Stormwater Management & Rain Gardens

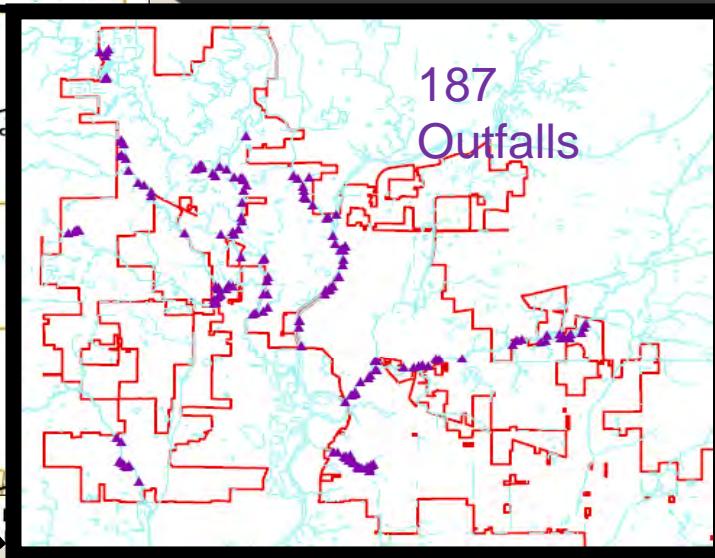
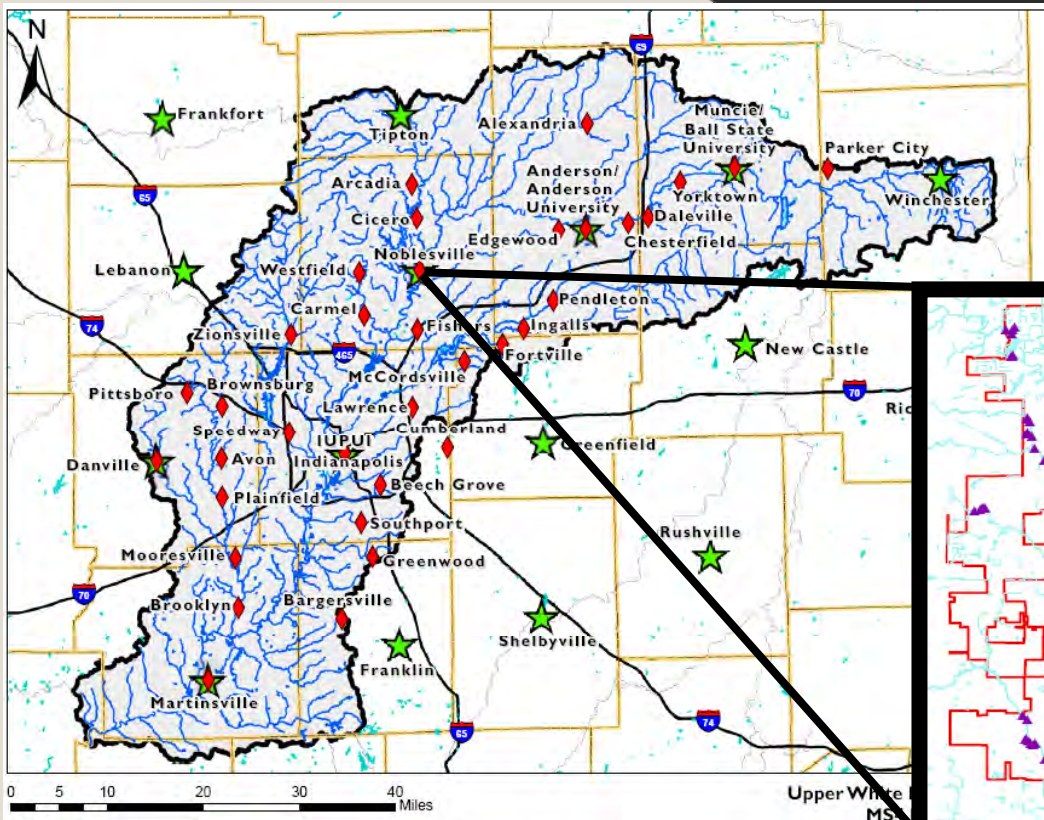
Maple Avenue Project
Elements

Post-Construction Stormwater Management Options

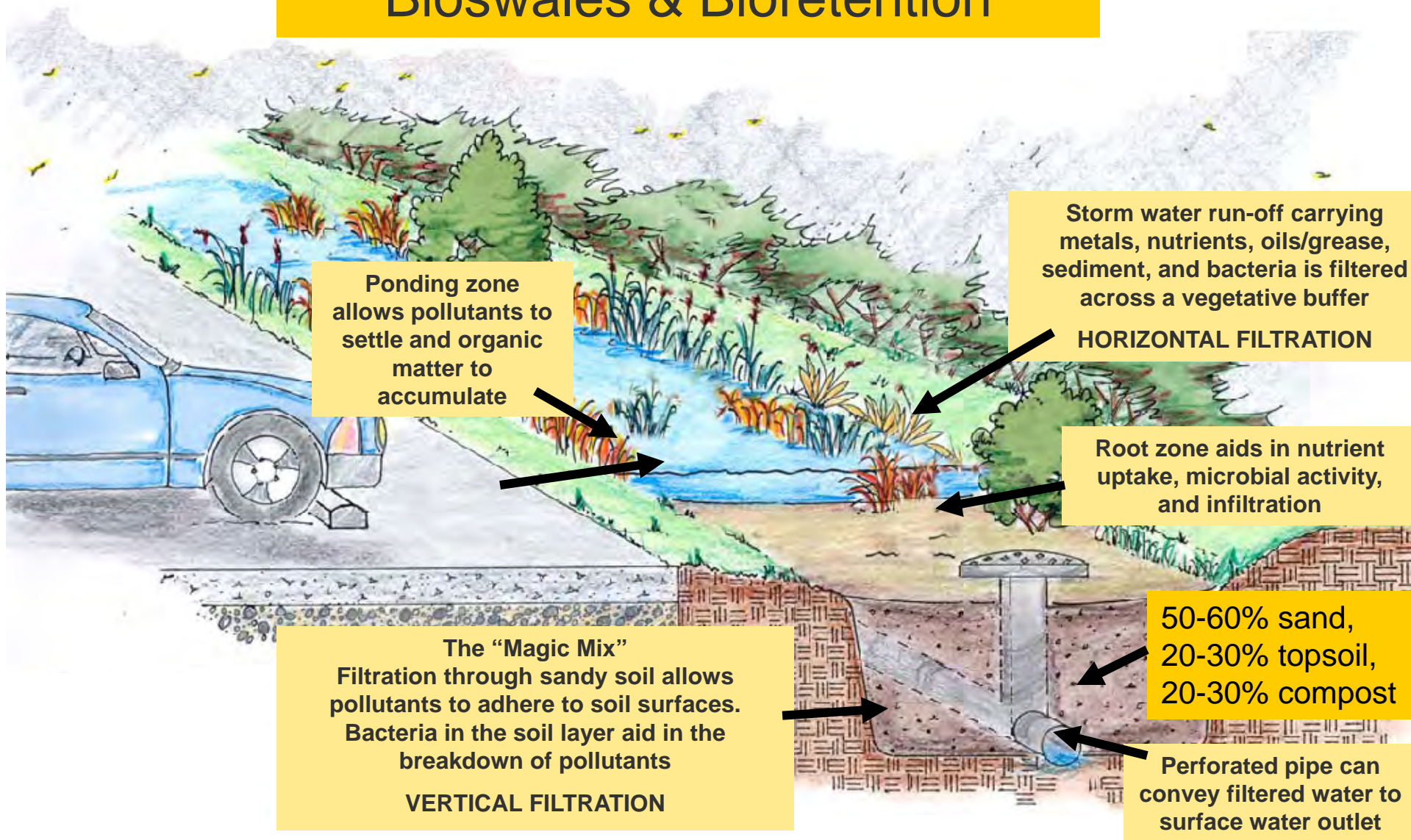
- ◉ Wet Retention and Detention
- ◉ Dry Detention
- ◉ Wetlands
- ◉ Underground Detention
- ◉ Infiltration Trenches or Basins
- ◉ Bioretention or bioswales
 - Rain Gardens

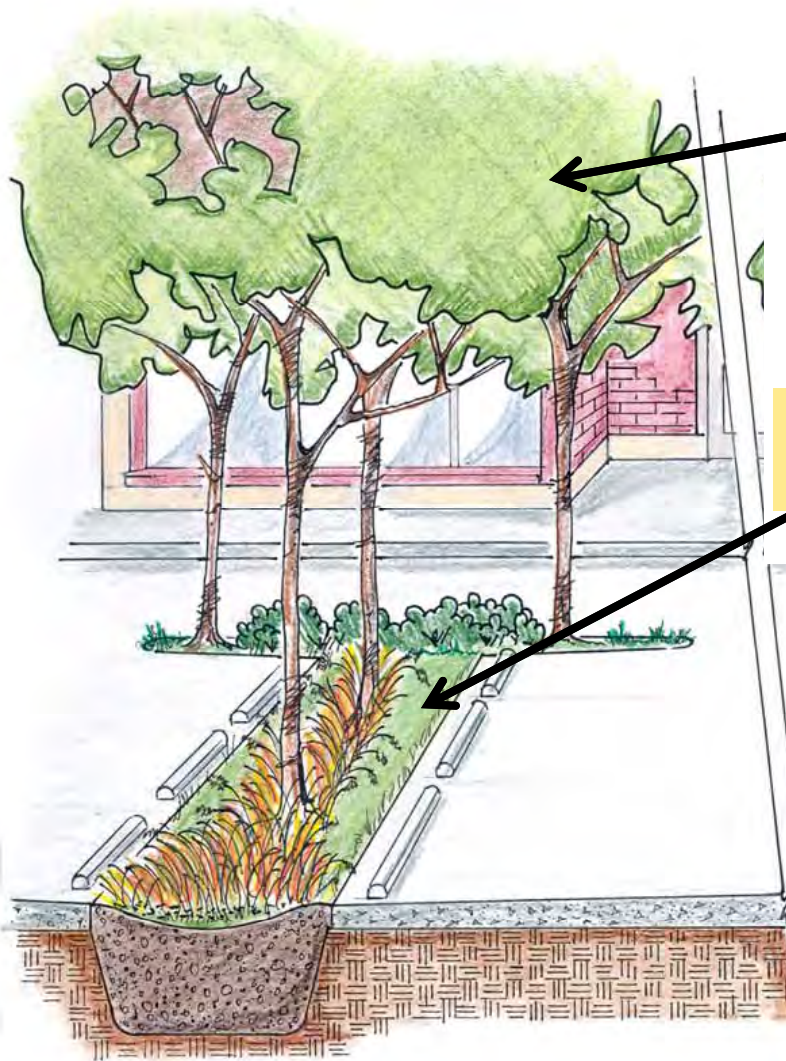
Why Rain Gardens?

- Good at reducing volume impacts to streams
- Good at trapping and treating pollutants



Bioswales & Bioretention





Might include trees

Might have ornamental flowers

Might have low maintenance grasses

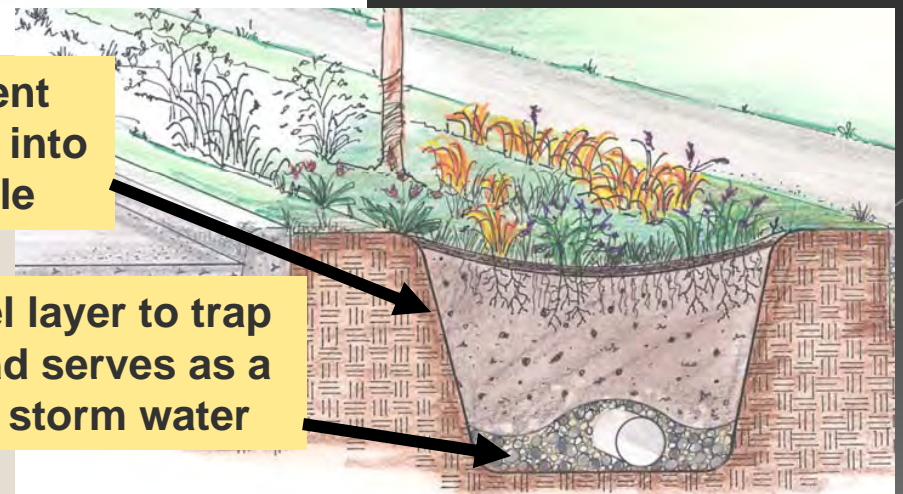




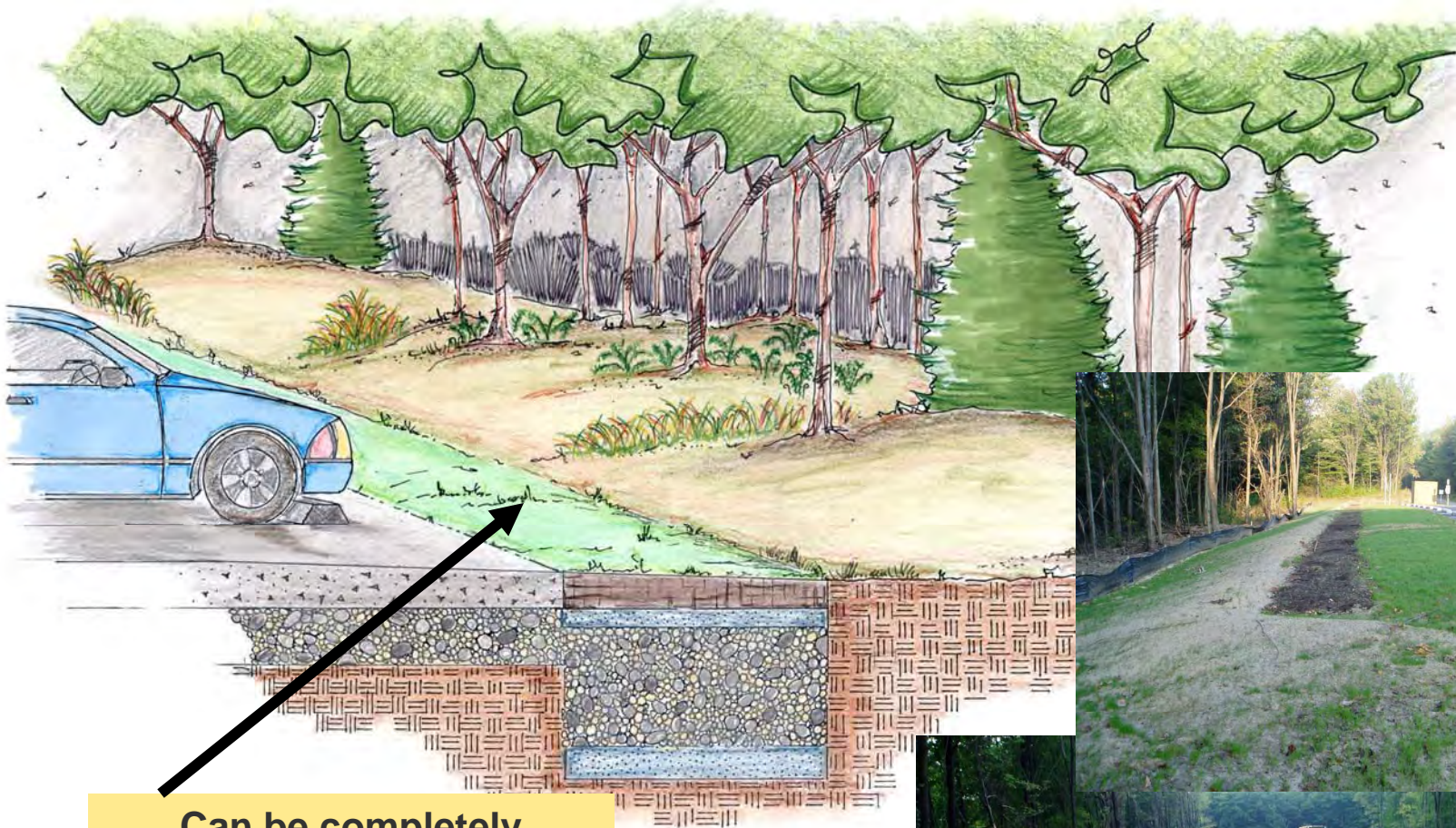
Can be designed as part of standard landscaping

Can include liner to prevent high nitrates from leaching into nearby ground water table

Can include large gravel layer to trap remaining pollutants and serves as a reservoir for detaining storm water

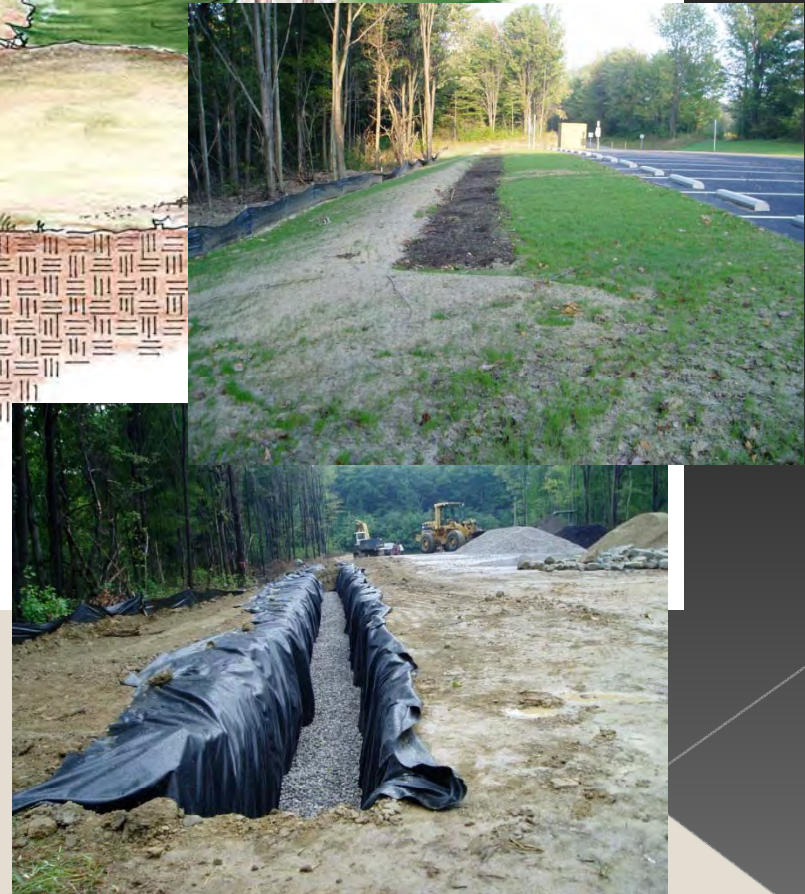




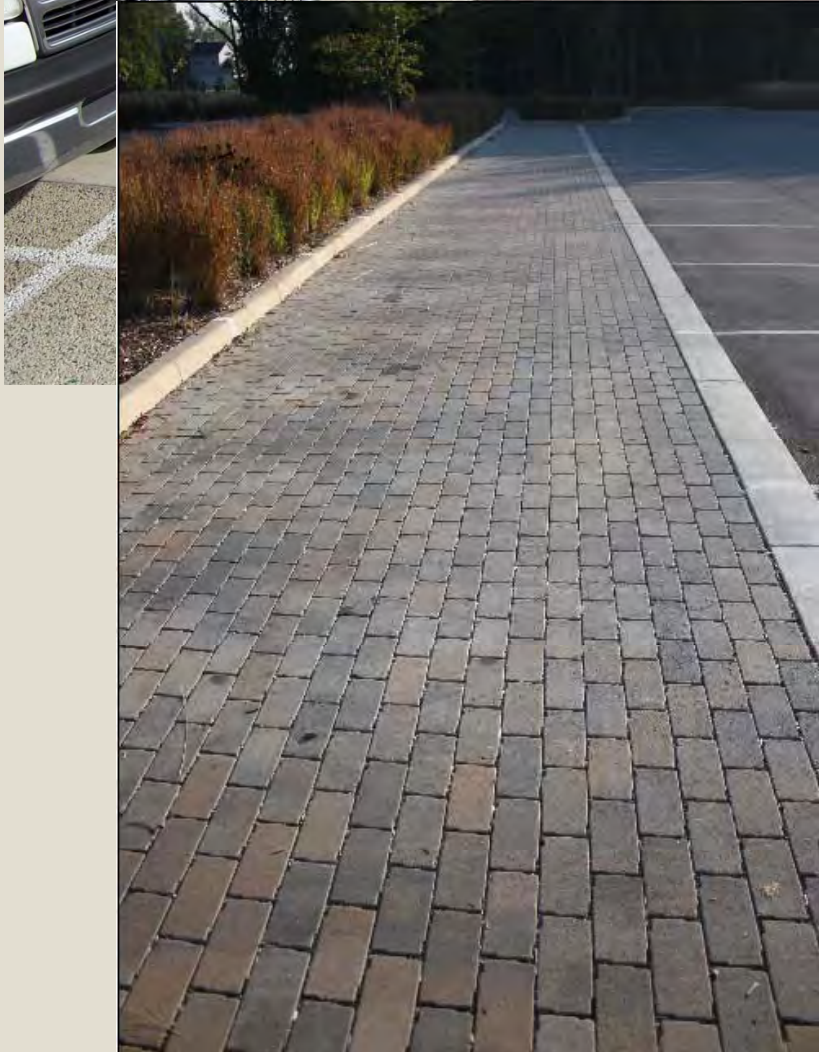
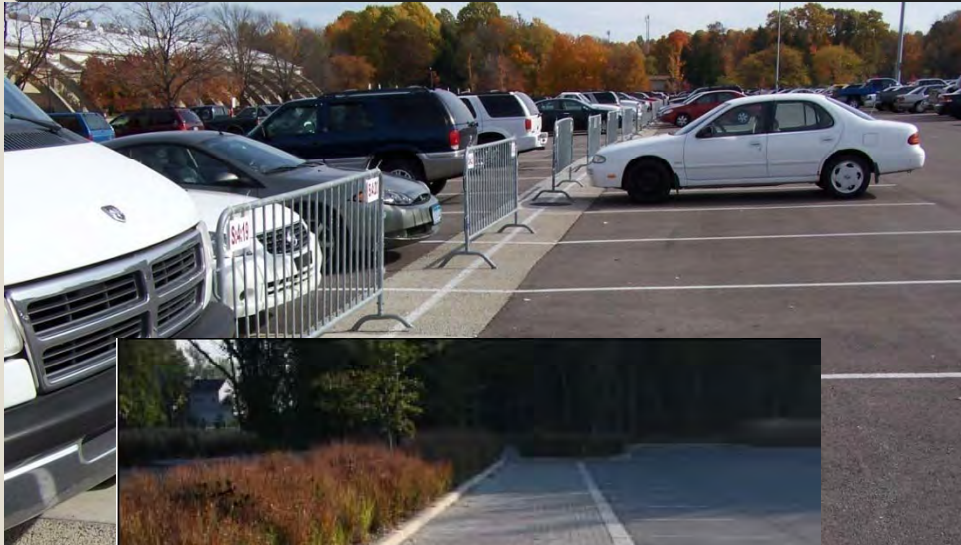


**Can be completely
inconspicuous or less
conspicuous on the
landscape**

Infiltration Trench

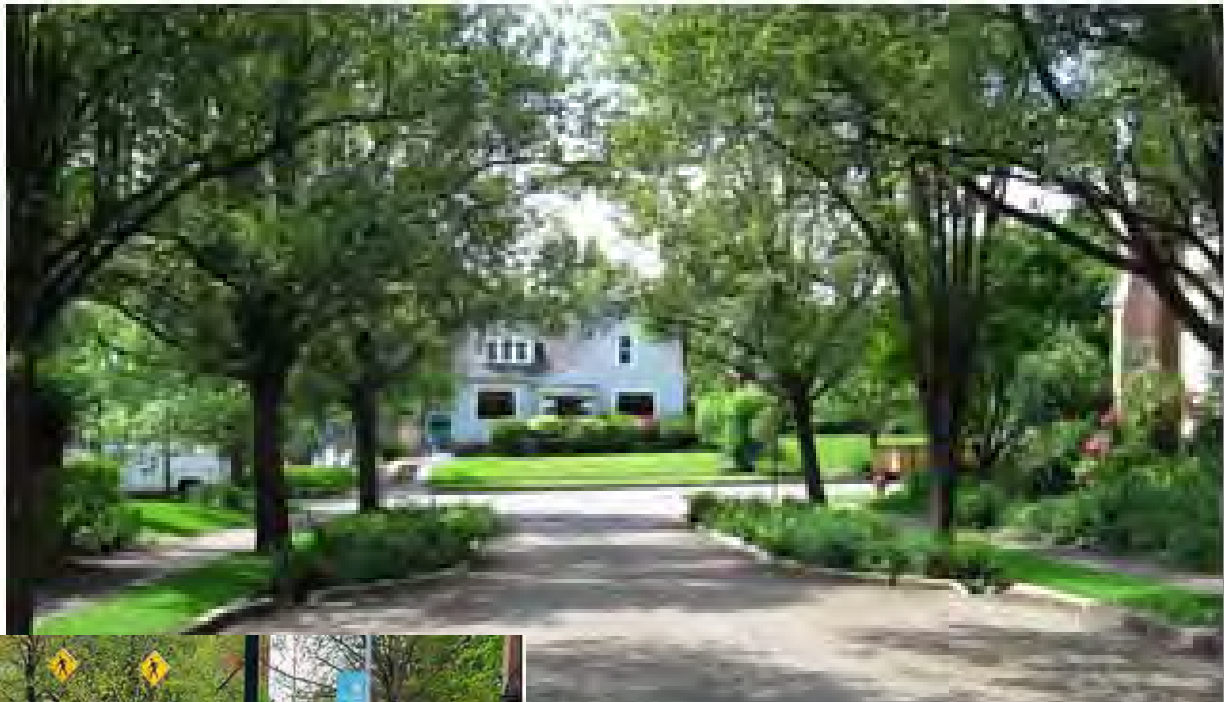


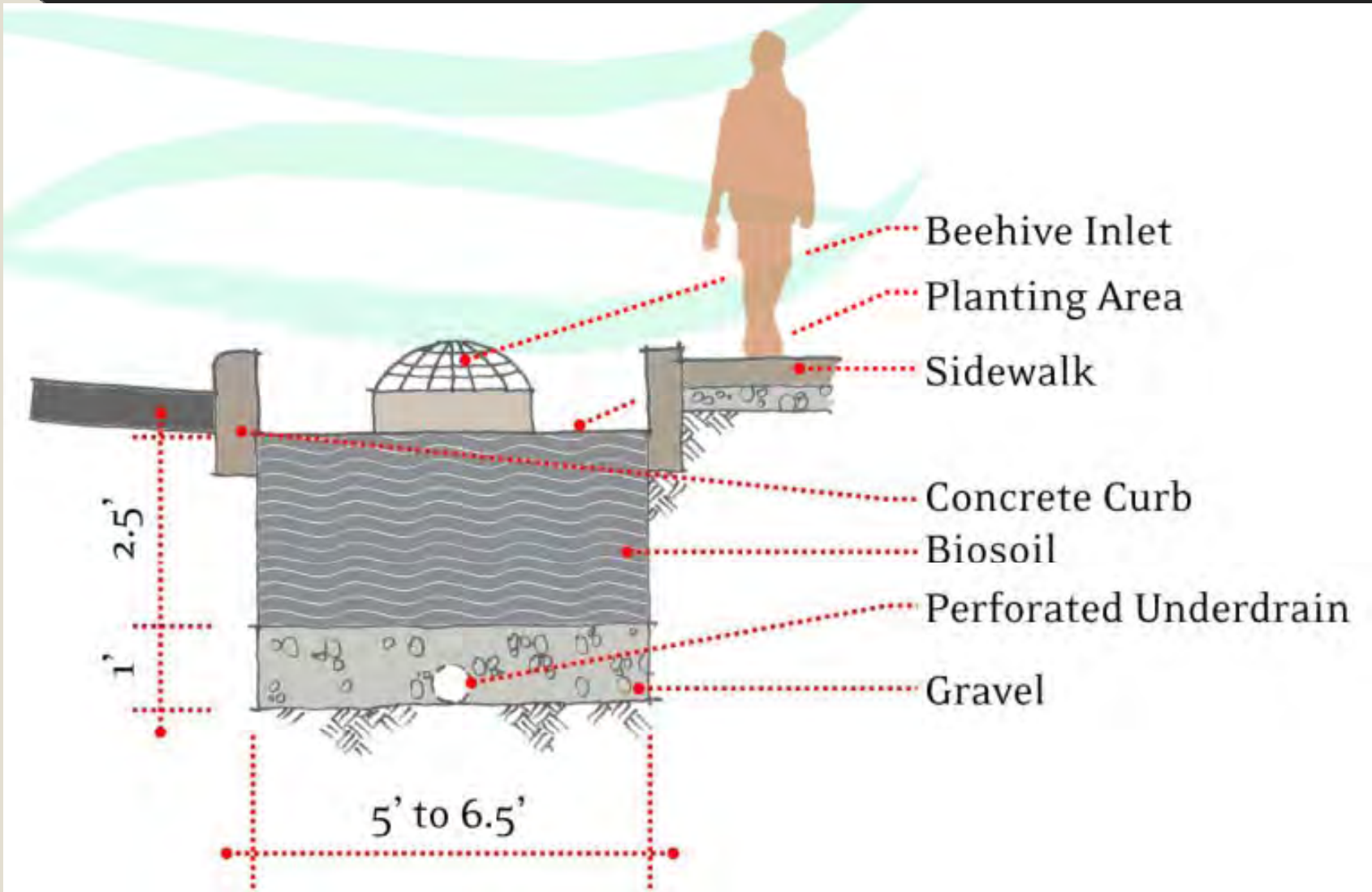
Dillon Park

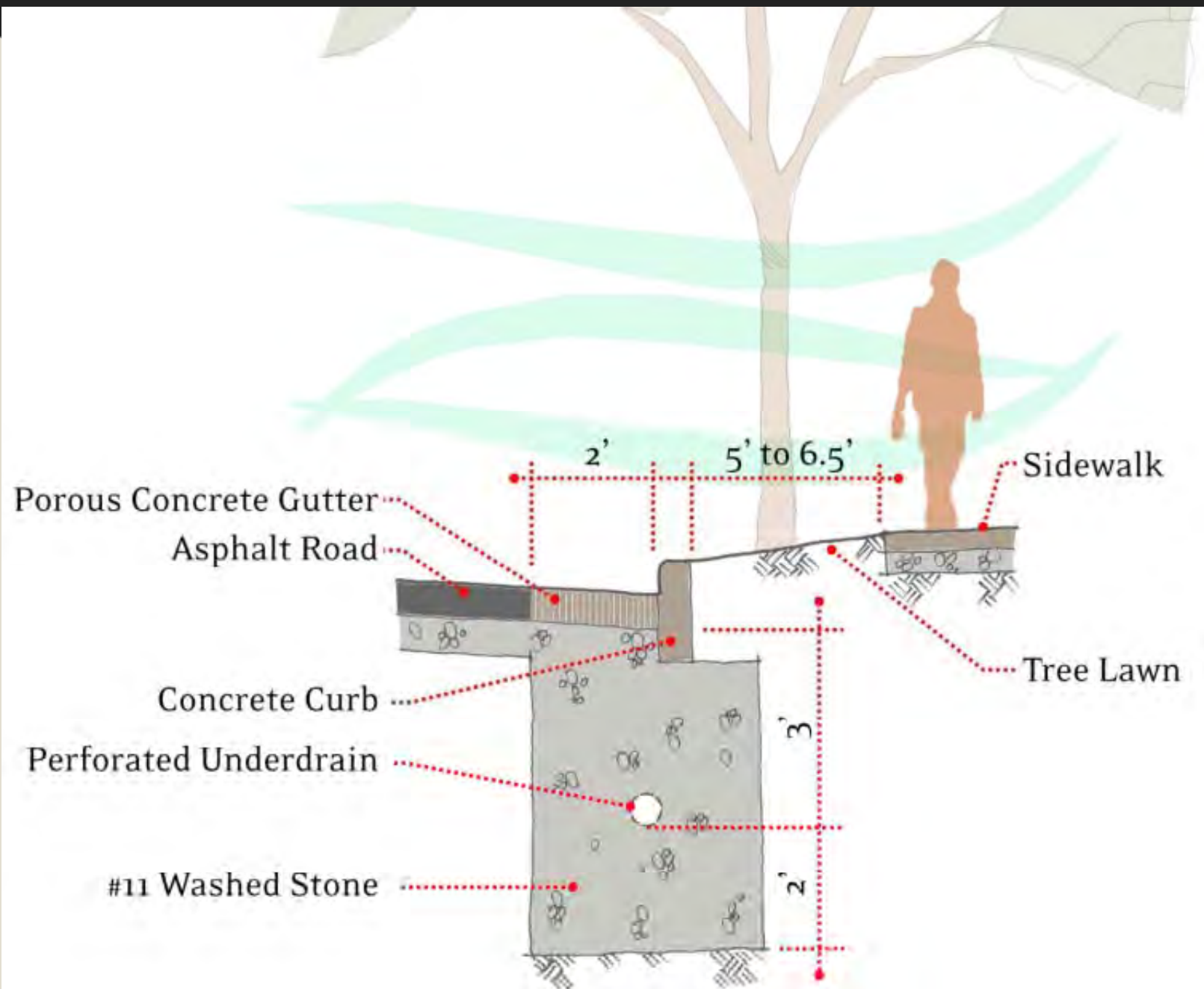












Maple Ave Rain Gardens Criteria

- Current tree lawn exists?
- Right-of-way available?
- New/recent sidewalk infrastructure in place?
- Large slope between sidewalk and curb?



The image features a square background divided diagonally from the bottom-left to the top-right. The upper-left portion is a light beige color, while the lower-right portion is a dark grey gradient. In the top-right corner, there is a small orange triangle. The text "Other Design Elements" is centered in the middle of the square, rendered in an orange, sans-serif font.

Other Design Elements

Trees and Plant Selection



Ways to Stay Up-to-date

- ◉ Neighborhood Mailing(s)
- ◉ Public Meeting(s)
- ◉ News Releases
- ◉ Project Webpage
 - > www.cityofnoblesville.org/wastewater

Questions, Additional Input...

