

Watershed Projects

Marsh Creek Watershed Study

Watershed Study Goals

- The goals of the Marsh Creek Watershed Study are to:
- Identify projects that reduce flooding impacts
 - Identify projects that improve water quality
 - Renew stormwater pipes and infrastructure that are in poor condition
 - Identify areas that may benefit from stream restoration or stabilization
 - Where possible, identify projects that provide multiple benefits

Millbrook Exchange Park

Explore opportunities to establish partnerships and retrofit existing development with GSI.

Millbrook High School

Explore opportunities to establish partnerships and retrofit existing development with GSI.

Marsh Creek Headwaters

Streambank stabilization and infrastructure protection near historical mill site.

New Hope Church Road

Conveyance improvements and floodplain reconnection to provide flood mitigation.

Atlantic Avenue

Conveyance and storage improvements, floodplain reconnection and streambank stabilization to provide flood mitigation and address stream bank erosion.

East Millbrook Road

Conveyance and storage improvements to provide flood mitigation.

North Shore Lake

Storage improvements to provide flood mitigation.

Huntleigh Drive

Conveyance improvements to mitigate flooding and stream bank stabilization to address erosion issues.

Baugh Street

Conveyance improvements, floodplain reconnection and streambank stabilization to provide flood mitigation and address stream bank erosion.

Wilburn Elementary School

Explore opportunities to establish partnerships and retrofit existing development with GSI.

Mars Street

Conveyance improvements, floodplain reconnection, and stream stabilization to provide flood mitigation and address stream bank erosion.

BIN LLC

Explore opportunities to establish partnerships and retrofit existing development with GSI.

Woodard Buyout Property

Explore opportunities to retrofit existing City owned property with GSI.

Types of Projects

To achieve watershed study goals, projects have been identified in the Marsh Creek watershed. Watershed projects are diverse efforts aimed at tackling various environmental and infrastructure issues. Proposed projects identified on this map include:

Drainage Improvement Projects: Increasing conveyance capacity in the stormwater system and/or building stormwater storage facilities and basins to manage and redirect water flow, helping to prevent flooding in at-risk areas. These projects may also include floodplain reconnection and streambank stabilization which will assist in flood mitigation efforts while also addressing stream erosion.

Green Stormwater Infrastructure (GSI): Implementing measures such as bioretention or permeable pavement to infiltrate stormwater runoff and improve water quality. These projects may also include stream buffer enhancement and retrofitting existing facilities constructed prior to current design standards to provide additional water quality benefits.

Stormwater Asset Renewal and Rehabilitation: Upgrading old drainage systems and fixing damaged stormwater pipes.

Along with existing Stormwater projects and programs to address water quality, stream erosion, and aging infrastructure, these projects help create a more resilient and sustainable watershed that supports both people and natural ecosystems.

Legend

- Focus Area
- Project Phasing
 - Phase 1 or Phase Independent
 - Phase 2
 - Phase 3
 - Phase 4
 - Phase 5
 - Phase 6
- Pipes
 - Within Study Extent
 - Not Within Study Extent
- Channels
 - Within Study Extent
 - Not Within Study Extent
- Watershed Boundary
- Area Outside of Corporate Limits

