

ALL PERSONS NATURE TRAILS

Trails that invite people of all abilities to traverse and enjoy woodlands + other greenspaces.



PRIMARY BENEFIT

Safety, inclusion

CO-BENEFITS

Recreation, health, education

CHALLENGES/REQUIREMENTS

Siting, design, maintenance

Accessibility
+ Safety

ACCESSIBLE PARKING

Parking spaces that welcome and accommodate people who use mobility devices.



PRIMARY BENEFIT

Safety

CO-BENEFITS

Belonging, inclusion

CHALLENGES/REQUIREMENTS

Siting, design

Accessibility
+ Safety

SEATING + RESTING AREAS

Stopping places throughout the landscape that meet universal design standards.



PRIMARY BENEFIT

Improves accessibility

CO-BENEFITS

Creates social spaces

CHALLENGES/REQUIREMENTS

Siting, maintenance

Accessibility
+ Safety

NON-CAR ACCESS

Accessways that allow runners, walkers, and bikers to move through the landscape.



PRIMARY BENEFIT

Safety

CO-BENEFITS

Recreation, health, low emissions

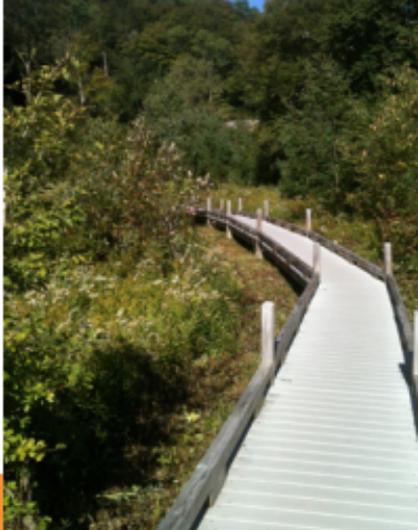
CHALLENGES/REQUIREMENTS

Siting, permitting

Accessibility
+ Safety

BOARDWALKS + PLATFORMS

Raised paths + structures that allows visitors to experience sensitive wetland habitats.



PRIMARY BENEFIT

Safety, inclusion

CO-BENEFITS

Recreation, education

CHALLENGES/REQUIREMENTS

Siting, design, permitting

Accessibility
+ Safety

RIPARIAN BUFFERS

Native plantings w/in the first 100' of lands along rivers, streams, and other water bodies.



PRIMARY BENEFIT

Flood control, erosion control

CO-BENEFITS

Biodiversity, improved water quality

CHALLENGES/REQUIREMENTS

Implementation, management

Stormwater
+ Flooding

MEADOW MANAGEMENT

Perennial grasslands managed for habitat, open space, and/or recreation.



PRIMARY BENEFIT

Increased flood storage capacity

CO-BENEFITS

Biodiversity, habitat, carbon sequestration

CHALLENGES/REQUIREMENTS

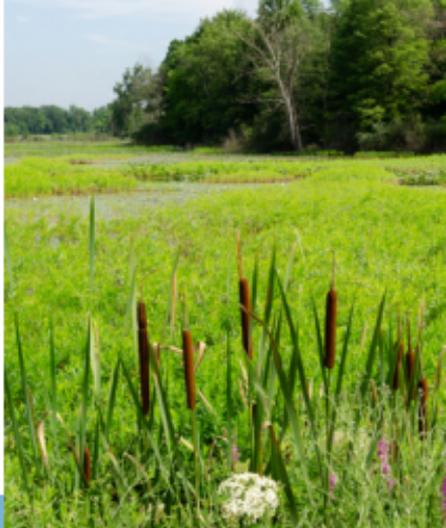
Siting, management

Stormwater
+ Flooding

WETLANDS

Restoration/Construction

Restore function to existing/former wetlands; or new wetlands to offset losses to development.



PRIMARY BENEFIT

Reduces severity of flooding in the watershed

CO-BENEFITS

Water quality, habitat, carbon sequestration

CHALLENGES/REQUIREMENTS

Siting, permitting, design

Stormwater
+ Flooding

FLOODPLAIN RESTORATION

Restoration of a river's floodplain capacity and vegetation lost to development.



PRIMARY BENEFIT

Reduces severity of flooding in the watershed

CO-BENEFITS

Water quality, habitat, recreation

CHALLENGES/REQUIREMENTS

Siting, permitting

Stormwater
+ Flooding

PROTECTION STRUCTURES

Levees, berms, dikes,
+ other structures that
prevent and/or minimize
localized flooding.



PRIMARY BENEFIT

Reduces flooding to a targeted area

CO-BENEFITS

Habitat, recreation (vegetated only)

CHALLENGES/REQUIREMENTS

May increase flooding downstream

Stormwater
+ Flooding

STRUCTURE ELEVATION

Lifting homes and other buildings in flood prone areas.



PRIMARY BENEFIT

Flood protection for individual structures

CO-BENEFITS

Human safety, property values

CHALLENGES/REQUIREMENTS

Adequate funding

Stormwater
+ Flooding

PONDS

Construction/Expansion

Retention and/or detention ponds to increase flood storage in the watershed.



PRIMARY BENEFIT

Reduces flooding

CO-BENEFITS

Recreation, habitat

CHALLENGES/REQUIREMENTS

Siting, permitting

Stormwater
+ Flooding

STREAM MODIFICATION

Alteration of a stream channel to lessen severity of flooding near vulnerable infrastructure.



PRIMARY BENEFIT

Reduced risk to targeted infrastructure

CHALLENGES/REQUIREMENTS

Permitting, may increase flooding downstream

Stormwater
+ Flooding

MANAGED RETREAT

Removing or relocating structures + critical infrastructure out of flood vulnerable zones.



PRIMARY BENEFIT

Safety

CO-BENEFITS

Community health, cost savings

CHALLENGES/REQUIREMENTS

Coordinated funding

Stormwater
+ Flooding

AGRICULTURAL DRAINAGES

Ditches that drain agricultural fields of excess water.



PRIMARY BENEFIT

Agricultural productivity

CO-BENEFITS

Localized flood control

CHALLENGES/REQUIREMENTS

Regulatory limits

Stormwater
+ Flooding

GREEN INFRASTRUCTURE

Rain gardens, bioswales,
and other living stormwater
systems that slow, infiltrate,
and clean stormwater.



PRIMARY BENEFIT

Stormwater management

CO-BENEFITS

Water quality, biodiversity, cooling

CHALLENGES/REQUIREMENTS

Siting, maintenance

Stormwater
+ Flooding

CULVERTS

Upgrades/Maintenance

Repair of culvert infrastructure to meet/exceed standards for storms + wildlife passage.



PRIMARY BENEFIT

Infrastructure protection

CO-BENEFITS

Habitat connectivity

CHALLENGES/REQUIREMENTS

Permitting, costs

Stormwater
+ Flooding

PERVIOUS HARDSCAPES

Parking spots, lots, sidewalks, and pathways that allow stormwater to infiltrate.



PRIMARY BENEFIT

Stormwater management

CO-BENEFITS

Groundwater recharge, localized cooling

CHALLENGES/REQUIREMENTS

Maintenance

Stormwater
+ Flooding

BEAVER MANAGEMENT

Beaver deceivers + other measures that manage water levels for property owners + beavers.



PRIMARY BENEFIT

Reduce localized flooding

CO-BENEFITS

Habitat conservation

CHALLENGES/REQUIREMENTS

Siting, monitoring

Stormwater
+ Flooding

OUTDOOR CLASSROOM

Dedicated space for classes to gather outdoors for learning in nature.



PRIMARY BENEFIT

Nature connection

CO-BENEFITS

Mental health, applied learning

CHALLENGES/REQUIREMENTS

Siting, maintenance

Recreation +
Nature

NATURAL PLAYGROUND

Natural features and structures where children discover nature while they play and take safe risks.



PRIMARY BENEFIT

Family recreation

CO-BENEFITS

Flood-adaptable

CHALLENGES/REQUIREMENTS

Siting, maintenance

Recreation +
Nature

FLOOD SAFE REC FIELDS

Well-draining fields and courts for use by all ages in the community.



PRIMARY BENEFIT

Recreation

CO-BENEFITS

Community health, dual-use for events

CHALLENGES/REQUIREMENTS

Siting, design, maintenance

Recreation +
Nature

ALL-SEASON TRAILS

Trails designed and maintained for use in all seasons.



PRIMARY BENEFIT

Recreation

CO-BENEFITS

Community health, nature connection

CHALLENGES/REQUIREMENTS

Maintenance

Recreation +
Nature

COMMUNITY GARDENS

Garden space with individual/collective plots for growing vegetables, herbs, fruits + flowers.



PRIMARY BENEFIT

Fresh food

CO-BENEFITS

Community space, biodiversity

CHALLENGES/REQUIREMENTS

Siting, maintenance

Recreation +
Nature

COMMUNITY FOOD FOREST

Publicly accessible
landscapes for harvesting
a variety of fruits, herbs,
and perennial vegetables.



PRIMARY BENEFIT

Food system resilience

CO-BENEFITS

Community space, biodiversity

CHALLENGES/REQUIREMENTS

Siting, maintenance

Recreation +
Nature