

LYNMAR BASIN STORMWATER PROJECT BENEFITS

The Nine Mile Creek Watershed District and City of Edina are conducting a project to enhance the existing park space and improve stormwater management. The project will have multiple benefits, including reducing street flooding in the neighborhood and improving the health of our local downstream waterbodies.



One of the draft design concepts

PRIMARY BENEFITS



FLOOD REDUCTION

Reduces frequency of
street flooding

More water is captured
and soaks in during
large rain events



STORMWATER RUNOFF REDUCTION

Removes nutrients,
sediment, and other
pollutants

Protects downstream lakes
and creek

Recharges groundwater

SECONDARY BENEFITS



HABITAT ENHANCEMENTS

Increases native plant
diversity

Benefits pollinators by
adding food sources and
nesting sites

Promotes carbon
sequestration



PARK IMPROVEMENTS

Improves aesthetics

Enhances park
experience with
walking path and
benches



EDUCATIONAL OPPORTUNITIES

Demonstrates
innovative stormwater
management

Educates through
interpretive signs and
programming



LYNMAR BASIN STORMWATER PROJECT

CONCEPT #1



CONCEPT SECTION "A"



CONCEPT #1 EXAMPLE PLANTINGS



CONCEPT #2 EXAMPLE PLANTINGS



CONCEPT #2



CONCEPT KEY POINTS

CONCEPT #1

- THE PATH DROPS DOWN TO THE BOTTOM OF THE SLOPE AND RUNS ALONG THE NORTHERN EDGE OF THE RAIN GARDEN
- RAIN GARDEN PLANTINGS ARE SIMPLIFIED FOR EASIER MAINTENANCE (AS SEEN IN EXAMPLE PHOTO IN LOWER LEFT)
- MOST OF THE EXISTING TREES ALONG THE EDGE OF THE PARK REMAIN IN PLACE
- REMOVAL OF SEVERAL EXISTING TREES IN EXISTING LOW AREA TO ALLOW FOR THE STORMWATER ENHANCEMENTS

CONCEPT #2

- THE PATH FOLLOWS THE TREELINE ALONG THE EAST EDGE OF THE PARK AND CONNECTS WITH THE EXISTING SIDEWALK ALONG MAVELLE DRIVE.
- PATH ALIGNMENT ALONG EASTERN EDGE OF PARK MAXIMIZES SIZE OF REMAINING TURF AREA
- RAIN GARDEN PLANTINGS ARE SELECTED FROM A COMPLEX PLANT PALETTE (AS SEEN IN EXAMPLE PHOTO IN LOWER LEFT)
- A RETAINING WALL IS LOCATED ON THE SOUTHERN EDGE OF THE RAIN GARDEN
- MOST OF THE EXISTING TREES ALONG THE EDGE OF THE PARK REMAIN IN PLACE
- REMOVAL OF SEVERAL EXISTING TREES IN EXISTING LOW AREA TO ALLOW FOR THE STORMWATER ENHANCEMENTS



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