

Edina Promenade Phase 4 Conceptual Plan Outline and Narrative

October 18, 2013



Introduction

This project represents the completion of the Promenade Master Plan that was adopted in 2007. The proposed project incorporates a water feature into the central segment of the Promenade as envisioned in the 2007 Masterplan. The background information for the Promenade in general and the water feature can be found in the “Edina Promenade, Urban Design Plan”, which was prepared by URS in 2007.



Figure 33

Promenade Component Plan

Promenade Design

Legend

- 1. Gateway
- 2. Crossroads Feature
- 3. Landscaping Feature
- 4. Single Sculpture
- 5. Sculpture Group
- 6. Sculpture Fountain
- 7. Pond / Stream and Fountain
- 8. York Ave. Underpass



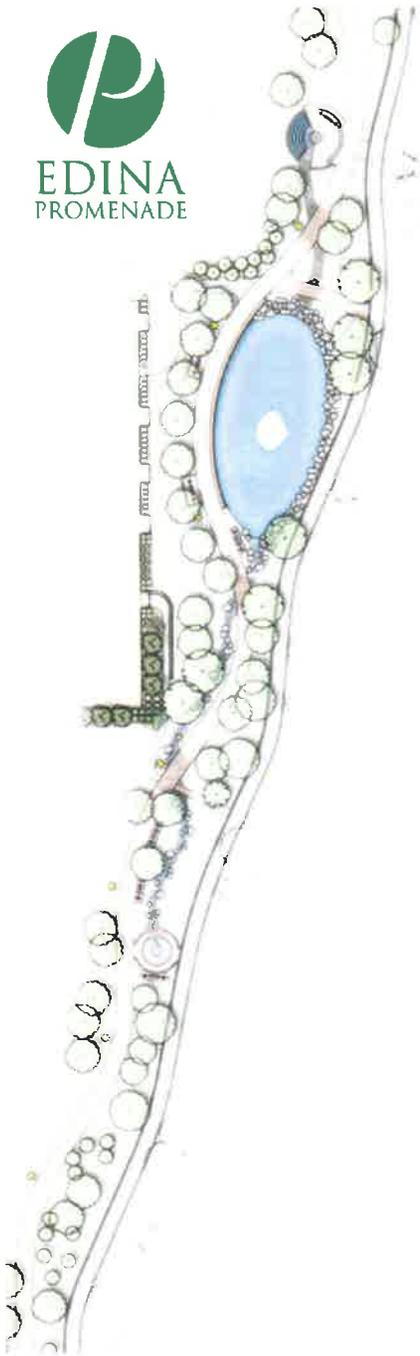
0 100 300 Feet



Urban Design Plan

July 2007

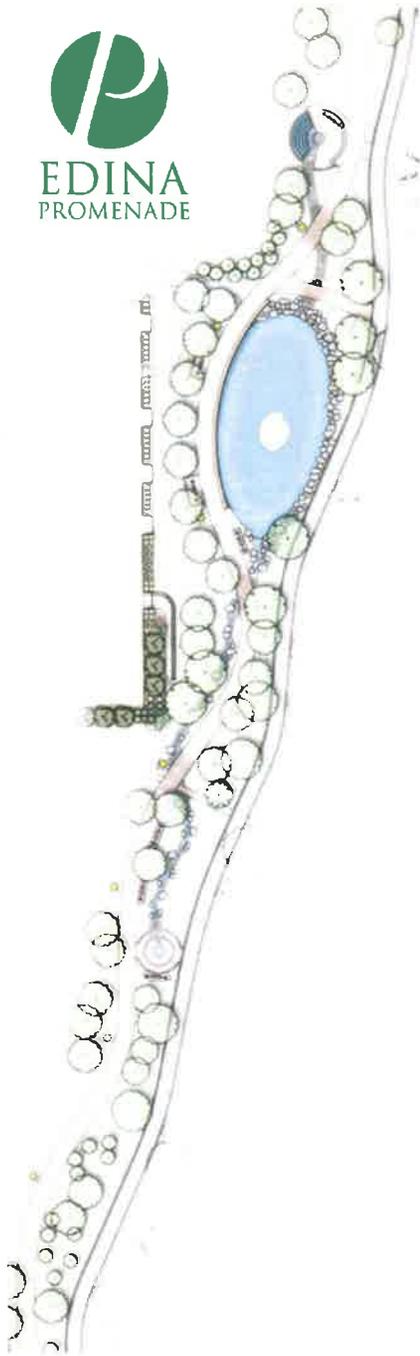
URS



Core Component - Water

The project intends to complete the Promenade segment between Centennial Lakes and 70th Street by creating the missing central water feature south of Hazelton. The overall concept for Centennial Lakes was to create a 'necklace' of special features or spaces that ring the lakes. For the Promenade, which is a very linear and narrow corridor and which was programmed to include a walking path and a bike trail that is part of the Three Rivers Regional Trail, the concept was to create a series of small plazas or spaces that would incorporate public art as the main features and attractions. The plan also called for a major central water feature that would add extra interest in the middle of the Promenade corridor and that would provide a thematic link or connection to Centennial Lakes. The water feature is a key element for the Promenade, since water, especially fountains and a flowing stream, will add motion and liveliness to the Promenade environment.

The redevelopment of the Byerly's parcel is the catalyst that allows us to incorporate this water feature into the Promenade.



Design Approach

The key constraint was the narrowness of the Promenade corridor. This was overcome by weaving the two paths in such a fashion as to create viable small plazas for public art between the paths. The opportunity area is the central segment of the corridor where the space to create a larger water feature results from the adjacent redevelopment and associated easement. This segment of the Promenade naturally slopes down to the south which provides the opportunity to create a flowing stream. The original concept envisioned a sizable water feature with a number of water-related attractions. Development plans for the area have resulted in less area than anticipated being available for the special water feature. However, it is still large enough to provide room for the essential design elements, such as a small pond, the flowing stream, and a few special water-related features.

EDINA PROMENADE PHASE 4

Phase 4 Project Elements:

- Will be integrated with a Water Quality Infiltration Project
- Will include an easement for the trail and water feature
- Replaces the temporary pedestrian path with a permanent colored concrete trail
- Provides swinging benches and other seating at key locations for enjoyment of features
- Incorporates three water features including a plaza at the north end where the water will enter the corridor, a central pond which will be the focal point and provide water treatment, and a basin at the south end where the water will enter back into the circulation system
- Provides opportunities for many additional trees, shrubs and perennial plantings
- Connects the park features with a “Babbling Brook” channel which will meander from north to south creating interesting nodes and user experiences



PROPOSED MASTER PLAN OVERVIEW

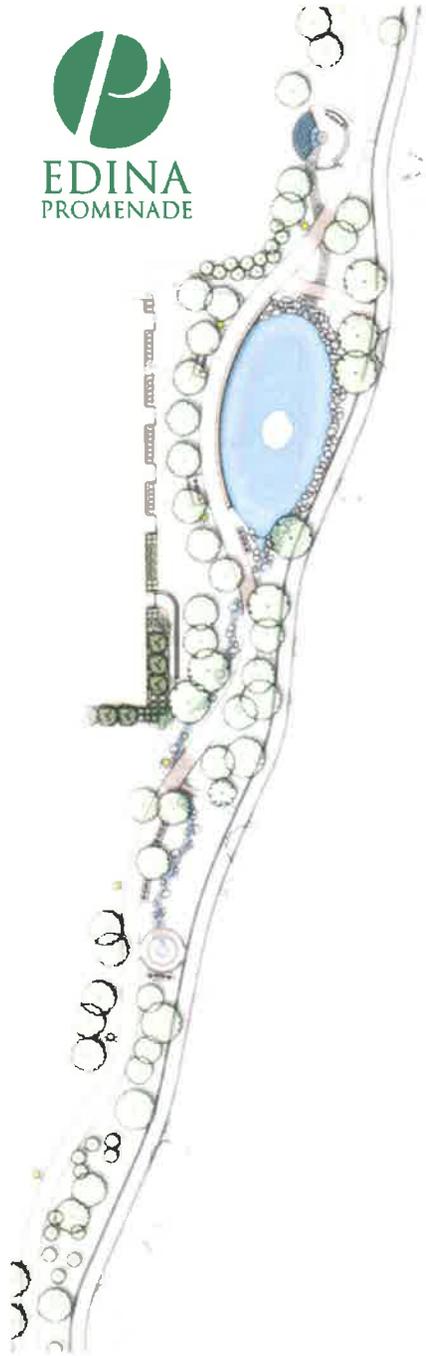


**PROPOSED
MASTER
PLAN:
NORTH**



PROPOSED MASTER PLAN: SOUTH





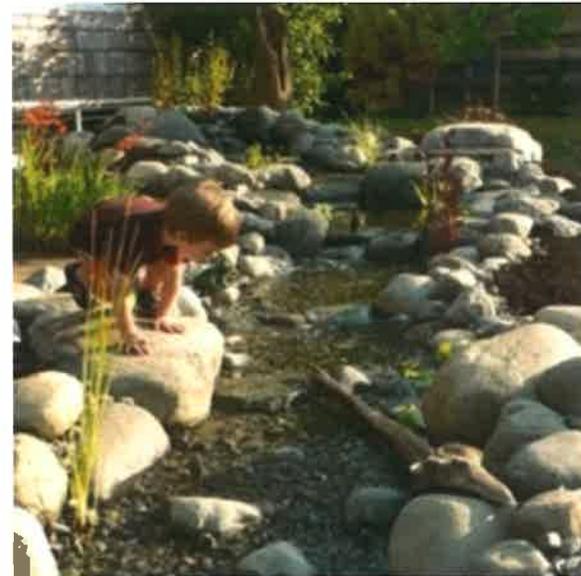
BROOK CONCEPT

THE BROOK CHANNEL IS ENVISIONED TO BE FAIRLY NARROW: 2' AT THE BOTTOM WITH EDGES BEING 1-3' DEPENDING ON THE CONDITIONS. THE UPPER CHANNEL WILL BE MORE FORMAL WITH STONE OR FORMED CONCRETE EDGES (EXAMPLE PHOTO 1). THE CHANNEL BELOW THE POND WILL BE LESS FORMAL, WITH SCATTERED BOULDERS MEANDERING ALONG THE CHANNEL (EXAMPLE PHOTO 2).

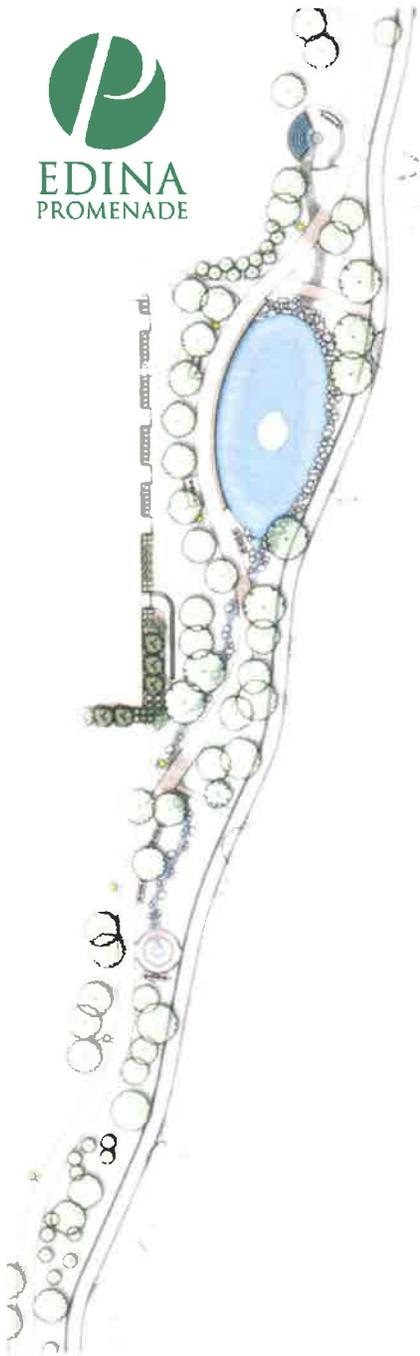
THE WATERWAY WILL BE LINED IN SOME WAY, MOST LIKELY WITH PLAIN OR COLORED CONCRETE.



EXAMPLE PHOTO 1: FORMAL HARD EDGE w/SMOOTH CHANNEL BOTTOM



EXAMPLE PHOTO 2: GRAVEL CHANNEL WITH ROCKS AS GRADE DROPS FORMING SMALL POOLS, INFORMAL ROCK EDGE



SCULPTURAL NODE CONCEPT

THERE WILL BE THREE OR FOUR LOCATIONS FOR SCULPTURAL INSTALLATIONS. THE BEGINNING AND END OF THE "BABBLING BROOK" CHANNEL ARE IMPORTANT NODES IN THIS PORTION OF THE PROMENADE. THESE NODES WILL BE PERMANENTLY INTEGRATED INTO THE WATER FEATURES AND BE PART OF THE WATER CIRCULATION SYSTEM. OTHER LOCATIONS MAY BE USED FOR TEMPORARY INSTALLATIONS.



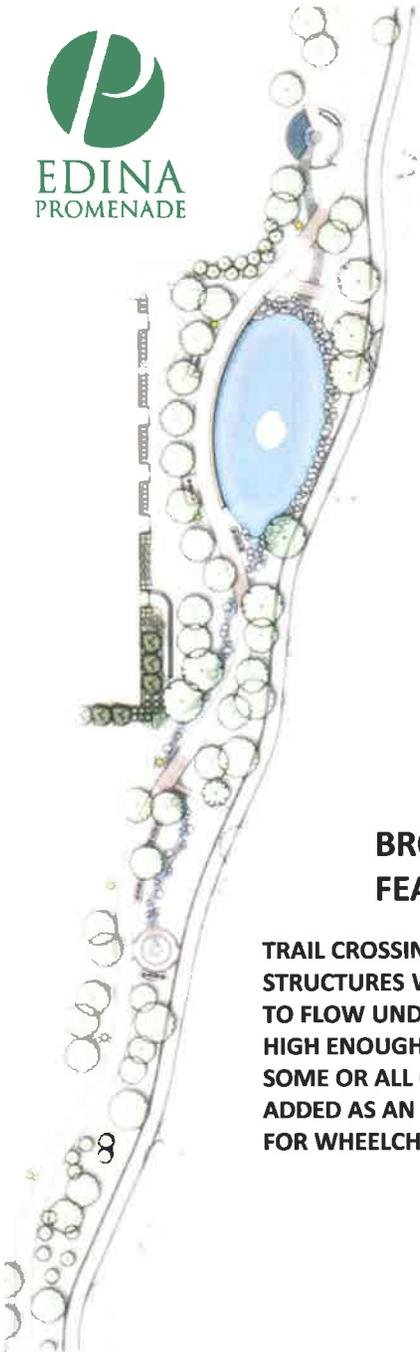
SIMPLE ELEGANT SCULPTURE IN SMALL FORMAL POOL



SMALL DROPS SPACED ALONG LENGTH OF BROOK

CASCADING WATER CONCEPT

THE TOTAL GRADE CHANGE FROM THE TOP OF THE WATERWAY TO THE LOWER OUTLET AREA IS ABOUT 10'. MOST OF THE CHANNEL WILL BE FAIRLY FLAT. TRANSITION AREAS FLOWING TO AND FROM THE POND WILL BE MAXIMIZED TO PROVIDE SOME INTERESTING CASCADING FEATURES.



POND CONCEPT

THE POND WILL BE LINED WITH COLORED CONCRETE TO FACILITATE PERIODIC MAINTENANCE / FLUSHING. THE WEST EDGE WILL BE A SHORT WALL, 2.5' MAXIMUM AND WILL NOT REQUIRE A RAILING. THE EAST EDGE WILL BE LINED WITH LARGE BOULDERS TO DISCOURAGE PEOPLE FROM GOING INTO THE WATER. THE WATER WILL BE CIRCULATING AT ALL TIMES AND WILL BE PUMPED FROM THE NORTH POND OF CENTENNIAL LAKES. IT'S FUNCTION WILL BE TO PROVIDE A PASSIVE RECREATIONAL ENVIRONMENT FOR TRAIL USERS WHILE INCREASING THE RUN-OFF TREATMENT CAPACITY FOR CENTENNIAL LAKES STORM WATER SYSTEM AND PROPOSED BYERLY'S SITE DEVELOPMENT.



MIX CONCRETE WALK/EDGE WITH RIP-RAP EDGE

BROOK CROSSING FEATURE CONCEPTS

TRAIL CROSSINGS WILL BE SIMPLE STRUCTURES WHICH WILL PERMIT WATER TO FLOW UNDERNEATH WITHOUT BEING HIGH ENOUGH TO REQUIRE RAILINGS. IN SOME OR ALL CASES A "BUMPER" MAY BE ADDED AS AN ADDED SAFETY MEASURE FOR WHEELCHAIRS, STROLLERS, ETC.

