

Greenways Concept Development, Columbia Valley, B.C.
July 14, 2000

Sponsor or Client: District of Invermere, and the Columbia Valley Greenways Alliance

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Student Team:

Zoe Gibbs – Planning	Meredith Hamstead – EVDS
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Dimple Roy – EVDS	Nicole Sifton – Industrial Design

Note: all of the above programs/departments are necessary to the project

Project outline:

★ Research, analysis, and design objectives:

The proposal concerns the development of a greenways concept design for a large area of public and private land (Goldie Creek to Toby Creek, and lakeshore to Purcell Mountain base) within and around the western boundaries of the District of Invermere, in SE B.C.. Greenways are a combination of greenbelts or wildlife corridors and human recreation pathways. Their design is intended to develop synergy between economic development, environmental restoration/conservation, and community/cultural development. Reflecting the nature of greenways, the project area has been chosen based on a combination of political/legal boundaries, and natural physical boundaries. This project will involve analysis of issues around land use and jurisdiction, acquisition tools for public lands, development of an ecological profile for the project area, development of a cultural and natural history interpretation concept, conceptual design of an economically and ecologically viable system of trails and pathways for human recreational use, and development of greenways design guidelines and principles applicable to both the specific project area and the region generally. This project is necessarily interdisciplinary given the broad range of issues that must be taken into consideration.

The land in the project area has high ecological, residential development, and recreational values for visitors and locals alike. The purpose of undertaking a greenways concept design on this piece of land would be to present the clients with options for greenways development as a tool for securing long term public access to this land while maintaining and enhancing present ecological values.

The concepts around greenways development have already been introduced to the public and council in the District of Invermere area through the work of Bill Swan at the Greenways Alliance. The Alliance and the District are enthusiastic about the involvement of a 702 team in developing a clearer understanding of the potential for innovative and positive greenways development in the region.

- The 702 guidelines state the following:
- "EVDS 702 projects should demonstrate both a synthesis and a manifestation of contemporary environmental design."
 - "The final products of EVDS 702 are expected to be comprehensive and high quality resolutions of interdisciplinary environmental design problems. Presentations ... must visually communicate an appropriate design solution and a substantive rationale for that solution."
 - "It is expected that EVDS 702 proposals will generally fall within the following areas: human interventions in the landscape, sustainable design, urban design, environmental management."
 - "EVDS 702 projects must be in the public domain (i.e. not restricted by covenants of confidentiality) and in the public interest (i.e. ethically appropriate) regardless of whether or not they involve a private client."

We feel that this project meets and exceeds all of these requirements

★ Deliverables:

This design team will provide the clients and Faculty with the following:

- A profile of ecological and economic resources in the project area
- A conceptual design for wildlife corridors in the project area
- Principles for greenways development applicable to both the specific project area, and the region in general
- A concept design for natural and cultural history interpretation
- A trails concept design, including design specifications for common terrain features of the project area
- Recommendations regarding land acquisition and/or public access options (ie: covenants, purchase of development rights, partial development etc.)
- A full report and presentation will be made regarding the above

★ Sponsor or Client requirements:

The deliverables noted above represent consultations between the clients and the design team to date. Upon receiving faculty approval for this proposal, we will need to meet with the clients once more to fix the final terms of reference for this proposal. It is understood that faculty approval will be contingent on approval of the final terms of reference.

★ Nature of final presentation required:

Final presentations will be made to the District of Invermere, and the Greenways Alliance, as well as to the Faculty.

★ Schedule:

The 702 project is to be started in September 2000, and finished in December 2000. The in-faculty presentation will be made before the close of the fall semester, 2000.

★ Budget Requirements, and Source:

We have secured funding from the clients in the amount of \$1000. This will serve to cover travel and site assessment costs (\$700), as well as costs associated with design and presentation of the final project.