

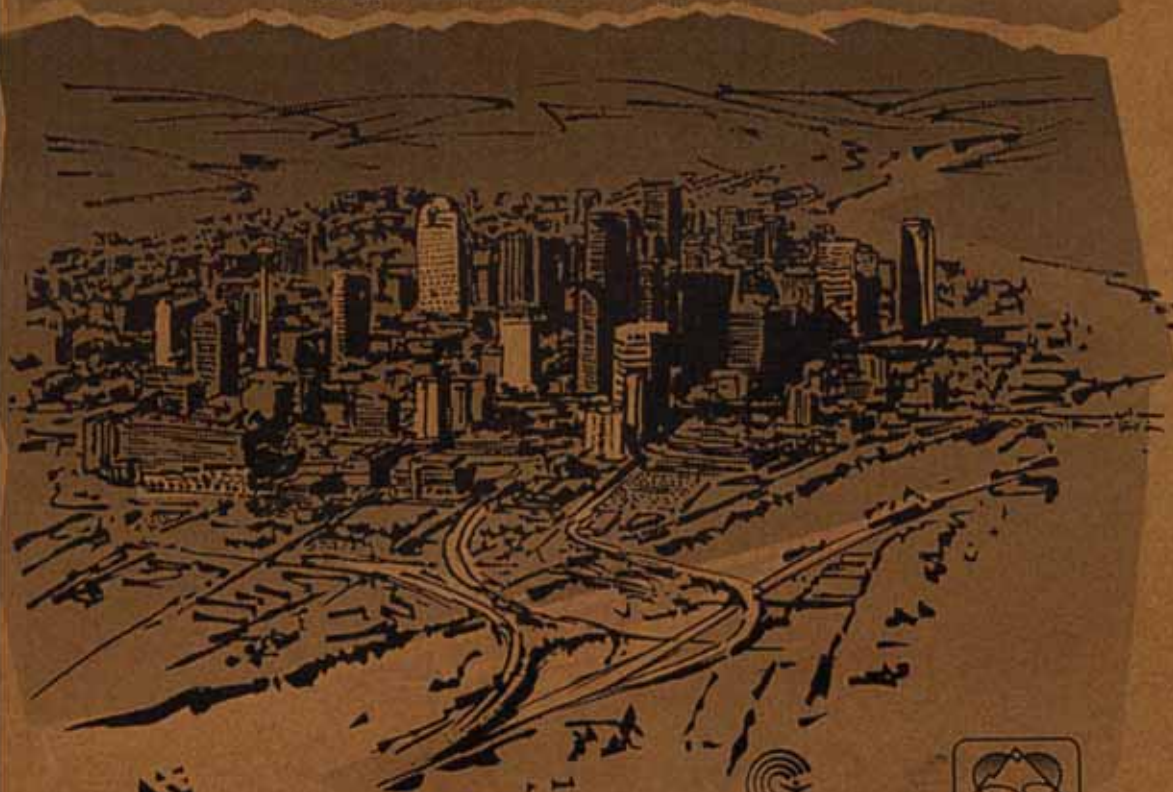
Urban Park

MASTER PLAN



CALGARY URBAN PARK MASTER PLAN
A PLAN FOR THE FUTURE OF OUR RIVER VALLEY PARKS

PREPARED BY
THE URBAN PARK MASTER PLAN - CITIZENS
ADVISORY COMMITTEE FOR THE CITY OF CALGARY



Heritage Fund





THE CITY OF CALGARY
OFFICE OF THE MAYOR

AL DUERR
MAYOR

1994 September

Dear Citizens of Calgary;

RE: CALGARY URBAN PARK MASTER PLAN

It is a pleasure to enclose the Calgary Urban Park Master Plan which represents an exciting milestone in the successful completion of Calgary's River Valley Park System. This plan evolved from an extensive public participation program that included input from over 2000 special interest groups and individual citizens. The public input process was extremely valuable in helping us prepare a plan which reflects Calgarians' concerns for our river valleys.

In reading this document it is important that the reader understand the following points.

1. Private Land Ownership

Many of the recommendations in this plan pertain to private land that could be developed for purposes other than those identified in this plan. The City of Calgary wishes to confirm that all legal rights of the landowners shall be respected when considering land use and development proposals on these private lands. It is the hope of everyone who was responsible for the preparation of the Urban Park Master Plan that by working in collaboration we will achieve mutually acceptable objectives for these river valley lands.

2. River Crossings

The Calgary Urban Park master Plan, as prepared by the Citizens Advisory Committee does not support the following river crossings, Sarcee Trail crossing the Weaselhead (Planning Unit 113), Sarcee Trail crossing the Bow River (Planning Unit 13), Shaganappi Trail crossing the Bow River (Planning Unit 18) and the South-Downtown By-pass (Planning Unit 78). The reader should note that these positions on the bridge crossings have been taken solely from the perspective of the river valley park system. Other factors regarding the bridge crossings will be discussed in the go-plan process, a City of Calgary Transportation By-law review public planning process.

The reader should note that the mandate of the Urban Park Master Plan was not to make decisions regarding these crossings. All decision making regarding the go-plan will be made through the go-plan process.

The reader is referred to Section 1.3 and Section 6.6 of the document.

3. Plan Approval Process

The Urban Park Master Plan was reviewed in public at a non-statutory public hearing of the Calgary Parks & Recreation Board 1994 December 11 and by the Standing Policy Committee on Community Services 1994 February 24. City Council at a non-statutory hearing, approved the plan 1994 March 7. The plan was transmitted to Council with a Commissioners' report that outlined the administration's position regarding the plan. The Commissioners' report which included a letter of transmittal from the Chairman of the Urban Park Master Plan Citizens Advisory Committee, can be found in Addendum I- Commissioners' Report.



4. Council Approval

Council approval of the plan included a series of recommendations which are attached in Addendum II. This edition of the plan reflects those recommendations and changes. The addendum also includes a summary of those recommendations.

On behalf of all Calgarians, I would like to thank everyone who participated in the preparation of the Calgary Urban Park Master Plan. Implementation of this plan will occur over time and will ultimately improve the quality of life for all Calgarians.

Yours truly,

A handwritten signature in black ink, appearing to be 'Al Duerr', with a stylized, cursive script.

Al Duerr
Mayor

ACKNOWLEDGEMENTS

The Calgary Urban Park Master Plan has been prepared by the Urban Park Master Plan - Citizens Advisory Committee, in association with five Planning Advisory Committees, who provided input on the individual segments of the river valley. The Citizens Advisory Committee wish to thank the many Calgarians who offered their time, assistance and support during the preparation of this plan. Your contribution was supportive of the vision and principles adopted for the plan.

Urban Park Master Plan - Citizens Advisory Committee

John Simonot - Chairman
Jim Petty - Calgary Parks & Recreation Board
Terry Bullick - Calgary Pathways Advisory Committee
Janyce Konkin - Federation of Calgary Communities
Herb Kariel - Calgary River Valleys Committee

Urban Park Master Plan - Planning Advisory Committees

Bow River West

Lonnie Springer - Bowness Community Association
Hugh Magill - Bowness Community Association (November 1992 - May 1993)
Pat McMillin - Montgomery Community Association (November 1992 - May 1993)
Annette Le Faive - Silver Springs Community Association
Robin Koke - St. Andrews Heights Community Association
Lynn Nugent - Varsity Community Association
Sue Davison - Varsity Community Association
Janyce Konkin - Coach Hill / Patterson Heights Community Association
June Kirk - Wildwood Community Association
Edward Stacey - West Hillhurst Community Association
Val Scholefield - Scenic Acres Community Association

Sara-Jane Gruetzner - Chairman, City of Calgary
Garth Balls - Landplan Associates Ltd.
Brian Baker - Landplan Associates Ltd.
Bir Dhol - City of Calgary

Bow River Centre

David Chan - Chinatown
Denis Horobin - Eau Claire Community Association
Phyllis Patterson - Eau Clair Community Association
Helen Heacock - Rosedale Community Association
Brian Posehn - West End Area
George Trotter - Dover Community Association
June Crichton - Hillhurst Sunnyside Community Association
Nancy Crotteau - Millican-Ogden Community Association
Barry Worbets - Rosedale Community Association
Fred Roessell - Albert Park/Radissson Community Association
Shirley-Anne Reuben - Inglewood Community Association
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Bow River South

Dianne Cleveland - Acadia Community Association
Ken Standish - Deer Run Community Association
David Taylor - Willow Ridge Community Association
Lorraine Thomson - Lake McKenzie Community Association
Scott McDougall - Riverbend Community Association
Pat Neuss - Willow Ridge Community Association
Nancy Crotteau - Millican-Ogden Community Association
Harry Rubak - Millican-Ogden Community Association
Walter Tarnowetski - Riverbend Community Association
Roger Soucy - Douglasdale Estates Community Association

Sara-Jane Gruetzner - Chairman, City of Calgary
Larry Paterson - Lombard North Group
Victor Kallos - Lombard North Group
Bir Dhol - City of Calgary
Gary Foster - City of Calgary

Elbow River - Glenmore Reservoir

George Hughes - Erlton Community Association
Gail Reinhart - Britannia Community Association
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Ted Godwin - Chinook Park /Eagle Ridge Community Association
Carlie Kastelic - Elbow Park Community Association
Rick Singleton - Elbow River Residents Association
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Jim Big Plume - Tsuu T'ina Nation - Correspondent

Sara-Jane Gruetzner - Chairman, City of Calgary
Len Novak - Leonard Novak Landscape Architect Ltd.

Nose Creek

Bill Morrison - Highland Park Community Association
Al McDowell - Highland Park Community Association
Al Munro - Thorncliffe/Greenview Community Association
Jack Segstro - Thorncliffe/ Greenview Community Association
Brenda Knippshild - Beddington Heights Community Association
Leo De Groot - Huntington Hills Community Association
Marty Way - Winston Heights/ Mountview Community Association
Karl Voth - Buffalo Rock Hills Community Association

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Bernie Amell - Matrix Landscape Architecture

The Urban Park Master Plan - Citizens Advisory Committee also wish to acknowledge the City of Calgary for providing an opportunity for all Calgarians to participate in the preparation of this plan. We also wish to acknowledge the tremendous contribution that the City has made with respect to the staff and resources that have made this plan possible.

Urban Park Master Plan - Steering Committee

Ken Bosma - Director, Calgary Parks & Recreation
Hugh Quintilio - City Engineer
Richard Parker - Director, Planning & Building
Brian Musgrove - Director, Land & Housing
Oliver Bowen - Director, Transportation
Judith Umbach - Manager, Data Processing
Mike Bamford, Director, Fleet & Facilities
John Simonot - Urban Park Master Plan Citizens Advisory Committee
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Urban Park Master Plan - Working Committee

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Dave Bullough - Data Processing Services
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John Sealy - Engineering and Environmental Services
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Doug Peever - Planning & Building
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Chris Wade - Fleet & Facilities
Kenn Knights - Calgary Parks & Recreation

The Urban Park Master Plan - Citizens Advisory Committee also wish to acknowledge and thank the contribution of the Project Team, who worked in association with all Urban Park Master Plan committees, in the preparation of this plan.

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Lombard North Group
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Lisa Boucher
Hugh Robinson

Graphics and Illustration

Ken Richardson Illustration and Graphic Design

Special thanks to Shaun Penfold who has provided on-going administrative support to all committees throughout this process and to Jane Evans for volunteer support to the Urban Park Master Plan - Citizens Advisory Committee.

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GLOSSARY OF TERMS

Biophysical Assessment - An inventory and analysis of all living and non-living natural resources.

Capital Costs - Capital cost figures shown in this report include all costs associated with implementing the recommendations proposed for each Planning Unit. These costs do not include any costs associated with land acquisition. Capital costs used in this report are "order of magnitude" costs based on preliminary estimates and will be refined during the design development phase.

Disturbed Area - An area that is no longer in its natural state.

Interpretation - Translation and communication of natural and historical information into meaningful and contemporary messages.

Land Acquisition - Lands to be incorporated into the Urban Park, not necessarily by purchase. Land may be brought into the park by several methods. ie. purchase and or lease, normally on an opportunity basis, and /or lands that may be donated to the City by the owner, and/or other lands that may be incorporated into the Urban Park in any other manner. Example: Petro Canada Wildlands Park in Inglewood. Lands would also be acquired for the Urban Park through the legislated land sub-division process.

Land-Use Districts - As per the City of Calgary Land-use Bylaw

Residential Districts	RR-1, R-1, R-2, R-2A, R-MH, RM-1 to 7
Commercial Districts	CC, C-1 to 6, CS-1, CM-1, CM-2
Industrial Districts	I-1 to 4
Agriculture and Open Space Districts	A
Direct Control Districts	DC
Public Park, School and Recreation District	PE
Public Service District	PS
Urban Reserve District	UR

Manicured Park - Areas which are proposed as parks that are "special use areas" within the Urban Park. They imply some development and maintenance which is relatively intense compared to Preservation Parks. Manicured Parks are proposed in areas where large numbers of park users are anticipated. Example: Baker Centre.

Naturalization - Is a reclamation technique that uses native species, indigenous to that specific site, that are naturally sustainable, implying minimum maintenance, once well established.

Naturalized Park - Disturbed, partially disturbed and/or existing manicured areas which are proposed for reclamation to as natural a state as possible. Example: Proposed Pumphouse Theatre Park.

Planning Unit - A geographic unit used to describe areas of similar intent or land-use. Planning units describe all land in the Urban Park Master Plan study area and may include land that is not recommended for inclusion in the Urban Park.

Planning Units Map - The Urban Park Master Plan planning units evolved from the original study area as a means of organizing and locating information. They describe areas with similar themes, geography, landscape type and/ or planning recommendation. Planning unit boundaries are not necessarily the proposed Urban Park boundary and may include land that is not recommended for inclusion in the Urban Park Master Plan.

Preliminary Design Concept - A conceptual plan, for discussion, prior to the preparation of the Urban Park Master Plan, that is visionary identifying general direction.

Preservation Park - Undisturbed natural areas which are to remain in their natural condition, either in the Urban Park or the Urban Park Zone of Influence. Example : Weaselhead

Promenade - Upgraded, widened pathway, that responds to areas of heavy pedestrian use, designed to promote walking and socialization. Usually articulated through surfacing and furnishings.

Regional Pathway - A trail which connects the park system together and provides continuous access through the river valley. Defined by function, not surfacing.

Restricted Development Area - Is a legislative mechanism for use by the provincial government to assure co-ordinated development of land for long term objectives. The RDA was established by the Alberta Government and has two components: Environmentally Sensitive Areas and the Transportation/Utility Corridor.

Secondary Trail/Linkages - A trail which provides local access throughout and into an area. Defined by function, not surfacing or use.

Urban Park Boundary - The boundary which delineates the extent of Calgary's River Valley Urban Park.

Urban Park Master Plan (UPMP) - Is a planning framework for future development and decision making. It is a non-statutory policy document that will be considered during amendment or creation of City planning documents.

Urban Parks Program (UPP) - An Alberta Heritage Savings Trust Fund grant program.

Zone of Influence Boundary - Delineates the boundary of areas adjacent to the Urban Park which impact the Urban Park. Land in the Zone of Influence could include adjacent natural areas, access routes into the park, visual resources and areas which impact the river valley but are not located in the River Valley Urban Park. Example: Paskapoo Slopes and Stampede Park. UPP funds will not be spent in the Zone of Influence.



CHAPTER 1.0 • INTRODUCTION

1.0 INTRODUCTION

1.1 PROJECT BACKGROUND

The Alberta Government announced in 1989 that 11 Alberta municipalities would be eligible to receive a total of \$82.2 million dollars for the development of urban parks. This Urban Parks Program was the continuation of recent provincial government initiatives to develop urban parks using Alberta Heritage Trust Fund monies in Calgary, Edmonton, Medicine Hat, Lethbridge, Red Deer, Lloydminster and Grande Prairie. The Urban Park Program announced in 1989 allocated funds to the municipalities of Calgary, Edmonton, Wetaskiwin, Camrose, Leduc, Airdrie, Fort Saskatchewan, Strathcona County, St. Albert, Spruce Grove and Fort McMurray.

1.2 URBAN PARK MASTER PLAN STATUS & APPROVAL

The Urban Park Master Plan was approved by City Council on March 7 1994, as a policy document with respect to lands within the City boundary. Approval of the Urban Park Master Plan included the following recommendation:

" That the Vision Statement and Vision Statement Principles as approved by Council, and as set out in Section 2.2 and 2.4 of the Master Plan, be incorporated in the City of Calgary General Municipal Plan: and further that the Urban Park Master Plan be considered during amendment or creation of City planning documents in consultation with affected communities and landowners."

Following Council approval of the Urban Park Master Plan, the plan was approved by the Minister of Community Development as meeting all of the Alberta Government requirements for this document.

1.3 TRANSPORTATION RELATED ISSUES

Throughout the Urban Park Master Plan planning process the public raised several concerns with respect to transportation proposals. In particular opposition to several river valley bridge crossings was expressed. The Urban Park Master Plan planning process was not intended to resolve transportation issues, however, the plan does not support Sarcee Trail (Bow River), Shaganappi Trail (Bow River), Downtown By-pass (Elbow River), 50th Avenue(Elbow River), and Sarcee Trail (Weaselhead - Elbow River)Crossings.

The Citizens Advisory Committee would like the reader to note that the decision regarding these crossings will be made through the GoPlan process. The City of Calgary review of the current Transportation By-law. For further information please contact the GoPlan office, at 268- 3666.

1.4 PRIVATE LAND

The Urban Park Master Plan includes an assessment of private lands that have potential for park development. These private lands may be developable for other purposes identified by the landowners. All legal rights of the landowners to develop their land for other purposes should be respected when considering land use amendments and development proposals for private land designated as parkland in this Master Plan. The Citizens who have prepared this plan hope that as these lands are developed, the landowners will embrace the Vision and principles of the Urban Park Master Plan and in collaboration, work towards mutually acceptable objectives.

1.5 TERMS OF REFERENCE

1.51 Urban Parks Program

The City of Calgary is eligible to receive up to \$15 Million from the Urban Parks Program with the following conditions.

Urban Parks Program Goal

" The establishment of significant areas of open space to ensure that urban populations have easy access to natural environments and the development of these areas to enable their sustained and unimpaired use for outdoor recreation."

Urban Parks Program Objectives

- To provide for a variety of outdoor recreation opportunities
- To allow people of all incomes to participate in these opportunities
- To have easy accessibility to surrounding urban areas
- To preserve natural landscape features and provide recreational facilities in harmony with these features

Funding from the Urban Parks Program will be released over a ten year period through a series of conditional grants. Grant monies are available for planning, design and administration of the park, land acquisition and all implementation costs associated with developing the park. All Urban Parks Program grant funds must be fully expended by March 31 ,1999.

Planning, Design and Administration Grants

Planning, design and administration grants are available up to 15% of the total capital funding ; 15% x \$15.0 Million. (\$2.25 Million). Planning, design and administration grants will be used for master planning, site planning, facility design, resource studies, recreation demand studies, project working drawings, project administration costs and any other costs related to the planning, design and administration of the park.

Land Acquisition Grants

Land Acquisition grants are available up to 40 % of the total capital funding available; 40% x \$15 Million (6.0 Million). Land acquisition funds can be used for costs related to purchasing land, appraisal costs, legal fees, survey and subdivision costs and costs related for registering the title.

Land acquired by the Urban Parks Program must be used and zoned as parkland and must be developed as envisioned in the Urban Park Master Plan.

Implementation Grants

Implementation grants are only available after completion of the Urban Park Master Plan and approval of the plan by the Alberta Government. Implementation grants can be used for all costs related to developing the park up to 100% of the total funds available. (\$15 Million) .

Operations and Maintenance Grants

In addition to the capital grants available, the Urban Parks Program also provides funds for the operation and maintenance of the parkland developed through the program. Operation and maintenance grants are equal to 3% of the capital development grants, MINUS land acquisition costs. The operation and maintenance funds are currently available for a period of five years and will be reevaluated by the Alberta Government and the City of Calgary, every five years.

A detailed description of the Urban Parks Program is available in the booklet entitled "Urban Parks Program Phase II - Program Description ", Alberta Recreation and Parks, 1990.

1.5.2 City of Calgary

The City of Calgary prepared a detailed Terms of Reference for the preparation of the Urban Park Master Plan. These terms of reference highlighted planning process goals and objectives, the study area, public participation, the technical planning process as well as the Terms of Reference for the Urban Park Master Plan committees. The Calgary Urban Park Master Plan Terms of Reference were approved by City Council in May 1992 and initiated the Calgary Urban Park Master Plan planning process.

The Urban Park Master Plan is a comprehensive document that looks systematically at the entire river valley system. Previous approved Master Plans for parks in the river valley were updated in the context of the Urban Park Master Plan Vision Statement. The intent was not to reinvent these plans, but rather to reassess them in the context of current trends, visions and economies.

1.5.3 Urban Park Master Plan Study Area

The Urban Park Master Plan Terms of Reference identified the following river valleys within the City of Calgary city limits, as the Urban Park Master Plan study area:

The Bow River, including the Western Irrigation District Canal
The Elbow River, including the Glenmore Reservoir
Nose Creek and West Nose Creek

In addition to the Bow, Elbow and Nose Creek river valleys, two parcels of city-owned land outside the city-limits were included in the Urban Park Master Plan study area; an area west of the city on the Bearspaw Reservoir and Clearwater Park, a parcel west of the city limits on the Elbow River.

The preliminary Urban Park Master Plan study area, as identified in the approved Urban Park Master Plan Terms of Reference included:

- All land within the setback area of the rivers, where the setback applies.
- All land adjacent to the Western Irrigation District Canal
- All existing and proposed park land within the city limits adjacent to the rivers
- All lands within the geographical and visual limits of the river valley corridors. The river valley lands were included to accurately assess:
- The ecological systems and environmental significance of the river valley
- Wildlife corridors and linkages to the river valley
- Potential trail linkages to adjacent communities
- Potential overland linkages to the river valley trail system
- Adjacent recreational facilities that should be linked to the river valley
- Potential land acquisition priorities

1.5.4 Urban Park Master Plan Planning Segments

Due to the magnitude of the Urban Park Master Plan study area, the study area is broken down into five smaller planning sections that correspond to five individual segments of the river valley system. The five planning segments are as follows.

Bow River West includes the Bow River valley from the City limits to the Crowchild Trail, including city-owned land on the south side of the Bearspaw Reservoir.

Bow River Centre includes the Bow River valley from the Crowchild Trail, up to and including the Inglewood Bird Sanctuary. The Western Irrigation District Canal was also included in Bow River Centre.

Bow River South includes the Bow River valley south from the Inglewood Bird Sanctuary to the south-east city boundary (including land on the south side of the river not within the City limits).

Elbow River includes the Elbow River valley from the Bow River to the city-limits, including the Glenmore Reservoir. The Clearwater Park area west of the city-limits is also included in this segment.

Nose Creek includes the Nose Creek and the West Nose Creek valleys, from the Bow River to the northern city boundary.

The Urban Park Master Plan was prepared in association with five Planning Advisory Committees that correspond to the five planning segments. The role of these Planning Advisory Committees is described in Section 1.2.6, Committee Structure.

The Urban Park Master Plan study area was refined through the planning process into the proposed Calgary Urban Park. The Urban Park is delineated on Maps II, IV, VII, X, XIII & XVI.

1.5.5 Urban Park Master Plan Planning Process

The Urban Park Master Plan planning process included comprehensive technical planning, public participation and public communication, which are described in detail in the Urban Parks Program Master Plan - Terms of Reference. The process identified nine phases which are described briefly below and are shown graphically on Figure I - Urban Park Master Plan Planning Process.

Phase One - Project Initiation

Technical Planning

Project initiation included refining the terms of reference for the project, preparing a terms of reference for planning and biophysical consultants, selection of the study team, preparation of study team work plans and milestones and refinement of the study area. One of the most important aspects of this phase was the preparation of base maps for the project area. The project has been fortunate to have been able to take advantage of the City of Calgary CalSIM (Calgary Spatial Information Management) base maps.

Public Participation

Committee members were recruited to the five Planning Advisory Committees, the Citizens Advisory Committee, the Steering Committee and the Working Committee. Following completion of the recruitment process all committee members were invited to an orientation evening, at the end of October 1992 which initiated the preparation of the Vision Statement.

Public Communication

A marketing plan for the project was prepared.

Phase Two - Vision Statement

Technical Planning

The Project team assisted the five Planning Advisory Committees with the preparation of the Vision Statement.

Public Participation

The Citizens Advisory Committee prepared a draft Vision Statement for the project which included a set of principles for shaping the development of the plan. The draft Vision Statement was reviewed in public at a series of five public information evenings, in February 1993. The Vision Statement for the Urban Park Master Plan was approved by City Council, in May 1993. A complete report of the public input received on the Vision Statement is available in the document entitled "Calgary Urban Park Master Plan, Results of Phase Two - Vision Statement Public Consultation."

Public Communication

Review of the Vision Statement included an extensive marketing campaign to promote the project and advertise the public information evenings. The marketing campaign successfully increased the mailing list for the project from 600 to 1500 people. An Urban Park Master Plan newsletter was initiated and was distributed to everyone on the mailing list. The newsletter included the Vision Statement.

Phase Three - Background Information Gathering

Technical Planning

A biophysical assessment of the river valley was completed to act as a framework for decision making in the river valley. Information on the built environment was collected including a review of existing and proposed plans and legislation, land ownership, land-use, historical resources and existing recreational facilities. A complete demand study entitled "Pulse On Parks" was analyzed with respect of specific issues in the river valley. The results of "Pulse on Parks" is outlined in the document, Pulse on Parks, 1991 Urban Parks Survey, Volume 1 & 2.

Public Participation

Each Planning Advisory Committee reviewed the above data.

Public Communication

An overview of the biophysical assessment was distributed to every person on the Urban Park Master Plan mailing list.

Phase Four - Opportunities and Constraints

Technical planning

An analysis of the information collected in Phase Three, was mapped identifying opportunities and constraints for park planning.

Public Participation

Each Planning Advisory Committee reviewed and endorsed the opportunities and constraints.

Phase Five - Segment Planning

Technical Planning

The opportunities and constraints were used by the Project Team to explore and recommend preliminary development options.

Public Participation

Each Planning Advisory Committee reviewed the development options and reached consensus on a preferred preliminary design concept for submission to the Citizens Advisory Committee for endorsement.

Phase Six - Plan Integration

Technical Planning

The project team refined the preliminary design concepts, for presentation and endorsement by the other Planning Advisory Committees and the Citizens Advisory Committee.

Public Participation

The five Planning Advisory Committees presented their preliminary design concepts to the Citizens Advisory Committee. The Citizens Advisory Committee endorsed the preliminary design concepts for public review, in June 1993.

Public Communication

Extensive advertising of the preliminary design concept review commenced. Invitations to attend the public information evenings were sent to the 1700 people on the Urban Park Master Plan mailing list.

Urban Park

BIOPHYSICAL ASSESSMENT



Tree and shrub communities along the Bow and Elbow Rivers support growing populations of White-tailed and Mule deer.

Bow River West Wildlife Habitat Suitability*

Rating Occurrence

High/Very High 14%
Moderate 10%
Low 76%

Nose Creek Wildlife Habitat Suitability*

Rating Occurrence

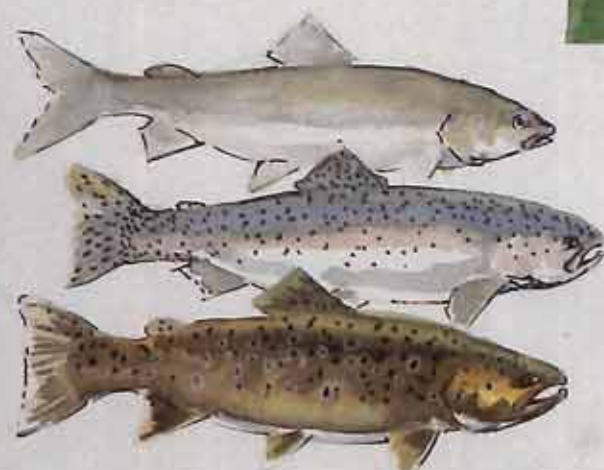
High/Very High 2%
Moderate 15%
Low 83%

Bow River Centre Wildlife Habitat Suitability*

Rating Occurrence

High/Very High 2%
Moderate 5%
Low 93%

Evidence of Beaver activity is found throughout the City's River Valley System.

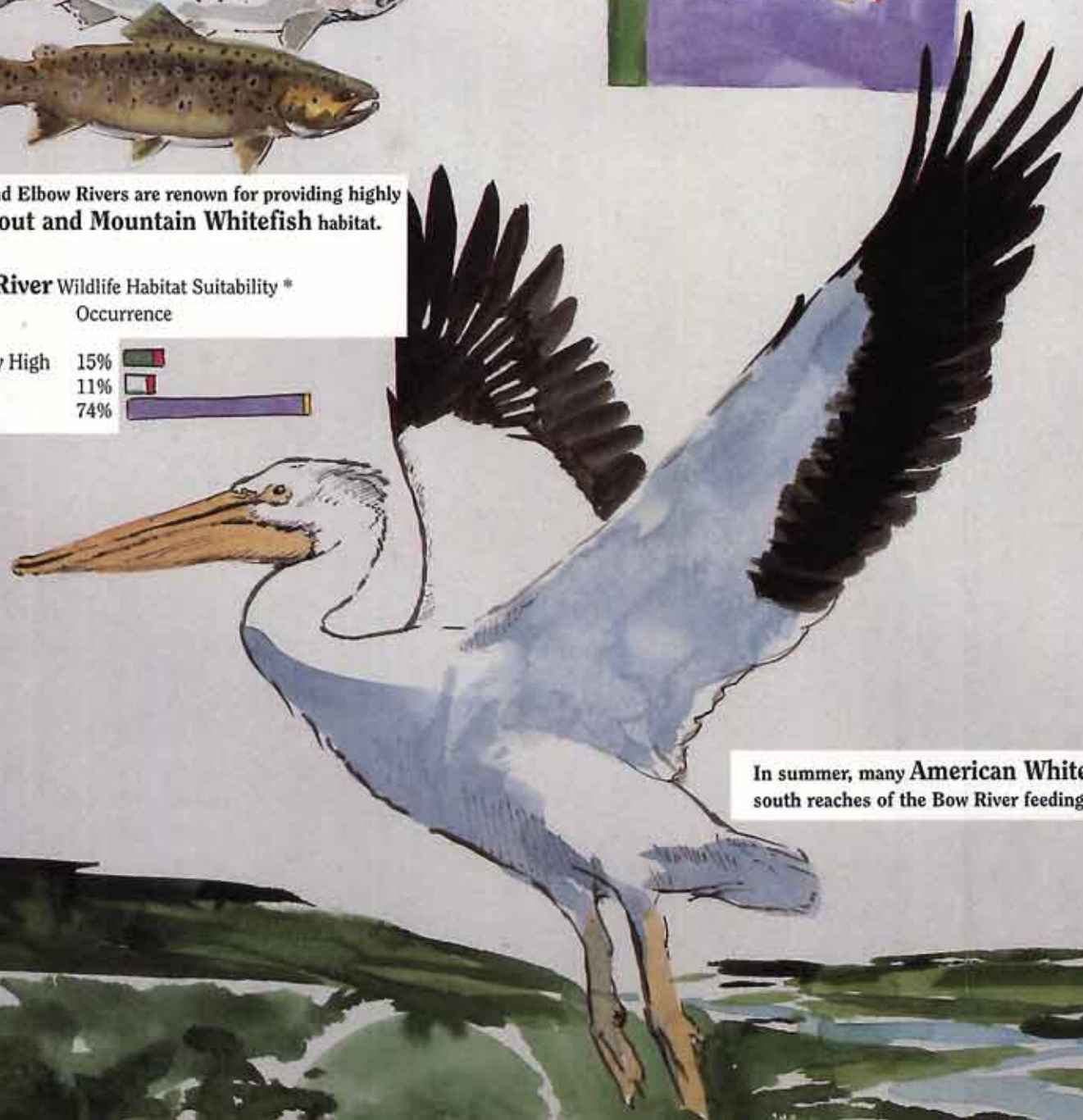


The Bow and Elbow Rivers are renowned for providing highly suitable Trout and Mountain Whitefish habitat.

Elbow River Wildlife Habitat Suitability*

Rating Occurrence

High/Very High 15%
Moderate 11%
Low 74%



In summer, many American White Pelicans use the south reaches of the Bow River feeding on Trout and Whitefish.



Shortly after snowmelt, prairie hillsides in the City are characterized by the purple of early blooming Crocus.



Great Blue Herons have established a growing colony in protected habitat along the Bow River.



Bow River South Wildlife Habitat Suitability*

Rating Occurrence

High/Very High 13%
Moderate 13%
Low 74%

Map Key

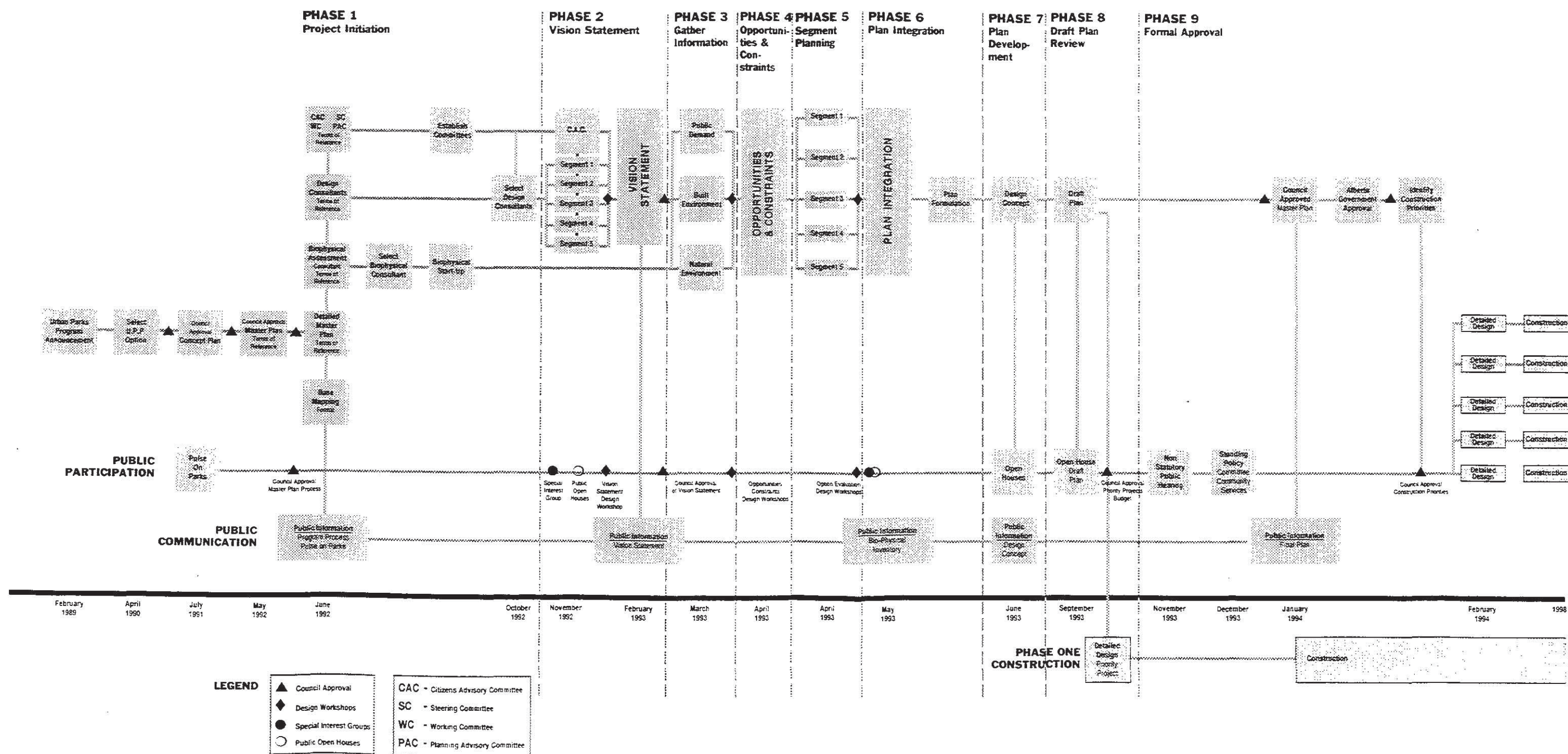
Urbanized Landscapes 70%
Grassland-Dominated Cover 15%
Water 4%
Tree-Dominated Cover 7%
Shrub-Dominated Cover 3%
Wetlands 1%>

*Normally, small grassland communities are less suitable as wildlife habitat because they are not as diverse as tree and shrub communities. However, they are critical as they provide important feeding locations for many species who nest or breed in other vegetation communities.

**FIGURE 1 - URBAN PARKS MASTER PLAN
PLANNING PROCESS**

URBAN PARKS PROGRAM MASTER PLAN PLANNING PROCESS

85 (92) 4



Phase Seven - Master Plan Development

Technical Planning

The Preliminary Design Concepts were prepared for public review.

Public Participation

The five preliminary design concepts were reviewed at a series of public information evenings. Amendments to the plan were made prior to the preparation of the "Draft" Urban Park Master Plan. A complete report of the public input received on the preliminary design concepts is included in the document entitled "Results of Public Consultation, Phase Seven - Preliminary Design Concepts."

Public Communication

A newsletter which summarized public comments on review of the preliminary design concepts was distributed to everyone on the Urban Park Master Plan mailing list.

Phase Eight - Draft Plan Review

Technical Planning

The preliminary design concepts were amended using public input from Phase Seven, and technical comments for the Working and Steering Committee. The draft plan was prepared for circulation, review and comment.

Public Participation

The draft Urban Park Master Plan was reviewed at a series of six public information sessions, in September 1993. Public input (summarized in a report entitled "Results of Public Consultation, Phase Nine - Draft Master Plan") was used as a basis for making final revisions to the plan.

Public Communication

Review of the draft Urban Park Master Plan included an extensive marketing campaign advertising the public review of the plan. An overview of the plan was sent to everyone on the Urban Park Master Plan mailing list.

Phase Nine - Formal Approval

Technical Planning

The draft Urban Park Master Plan was amended prior to the presentation to Calgary Parks & Recreation Board Non-Statutory Hearing. Following approval of the plan by City Council, the plan will be forwarded to the Alberta Government for approval.

Public Participation

Each Planning Advisory Committee will endorse the amendments to the draft Urban Park Master Plan, if required.

Public Communication

A newsletter that advertises the Calgary Parks & Recreation Board Non-Statutory Public hearing and Standing Policy Committee on Community Services, was sent to everyone on the Urban Park Master Plan mailing list.

1.5.6 Committee Structure

The Urban Park Master Plan planning process included an extensive committee structure to manage preparation of the plan. The detailed terms of reference for all committees is included in the Urban Parks Program Master Plan Terms of Reference. The Committee structure is shown in Figure II, Committee Structure.

Figure II



City Council

City Council's role in the process is to support and endorse the Urban Park Master Plan planning process, to represent all Calgarians in their decision-making and approvals, and to consider for approval the Urban Park Master Plan.

Urban Park Master Plan Citizens Advisory Committee

The Urban Park Master Plan was prepared by the Urban Park Master Plan - Citizens Advisory Committee created by City Council. The Citizen Advisory Committee role was to represent all Calgarians in the decision-making process. Contact and liaison with the public was through the Citizens Advisory Committee. The Citizens Advisory Committee facilitated and synthesized public input into common visions and recommendations for the river valley. The Citizens Advisory Committee was structured as follows:

Urban Park Master Plan - Citizens Advisory Committee

Chairman - An independent volunteer member of the community

Calgary Parks & Recreation Board - One member

Calgary Pathways Advisory Committee - One member

Federation of Calgary Communities - One member

Calgary River Valleys Committee - One member

Urban Park Master Plan - Planning Advisory Committees (Two members from each)

Ex-officios

Urban Parks Program - Project Coordinator

Communications Coordinator

FIGURE III



Urban Park Master Plan - Planning Advisory Committees

A Planning Advisory Committee was established for each segment of the river valley. The Planning Advisory Committees were responsible for representing community-wide interests in the planning of their river valley segment. Community associations within or adjacent to the study area were invited to participate on the Planning Advisory Committees. The Planning Advisory Committees were chaired by the Urban Park Program - Project Coordinator. A Landscape Architectural consultant was assigned to each Planning Advisory Committee to assist the committee with the preparation of the plan. The following Community Associations were represented on the Urban Park Master Plan - Planning Advisory Committees.

Bow River West Planning Advisory Committee

Bowness Community Association, Montgomery Community Association, Silver Springs Community Association, St. Andrews Heights Community Association, Varsity Community Association, Coach Hill /Patterson Heights Community Association, Wildwood Community Association, West Hillhurst Community Association, Scenic Acres Community Association.

Bow River Centre Planning Advisory Committee

Chinatown, Eau Claire Community Association, Rosedale Community Association, West Village, Dover Community Association, Hillhurst Sunnyside Community Association, Millican-Ogden Community Association, Rosedale Community Association, Albert Park/Radisson Community Association, Inglewood Community Association, East Village.

Bow River South Planning Advisory Committee

Acadia Community Association, Deer Run Community Association, Willow Ridge Community Association, McKenzie Lake Community Association, Riverbend Community Association, Millican/Ogden Community Association, Douglasdale Estates Community Association,

Elbow River - Glenmore Reservoir Planning Advisory Committee

Erlton Community Association, Britannia Community Association, Parkhill/Stanley Park Community Association, Rideau/Roxboro Community Association, Ramsay Community Association, Chinook Park /Eagle Ridge Community Association, Elbow Park Community Association, Lakeview Community Association, Cliff Bungalow Community Association.

Nose Creek Planning Advisory Committee

Highland Park Community Association, Thorncliffe/Greenview Community Association, Beddington Heights, Community Association, Huntington Hills Community Association, Winston Heights/ Mountview Community Association, Buffalo Rock Hills Community Association, Sandstone Valley Community Association, Renfrew Community Association, Crossroads Community Association, Bridgeland Riverside Community Association. In addition to the Urban Park Master Plan Citizens Advisory Committee and five Planning Advisory Committees, two administrative committees were structured largely from City of Calgary staff.

Urban Park Master Plan Steering Committee

The Steering Committee represents the various municipal departments that currently have river valley mandates and /or will be impacted by the Urban Park Master Plan. This committee allocates municipal resources to the planning process. Steering Committee members included

- Chairman, Director, Calgary Parks & Recreation
- City Engineer
- Director, Planning & Building
- Director, Land & Housing
- Director, Transportation
- Director, Fleet & Facilities
- Manager, Data Processing
- Calgary Police Service
- Chairman, Urban Park Master Plan Citizens Advisory Committee
- Calgary Parks & Recreation Board
- Chairman, Calgary River Valleys Committee

Urban Park Master Plan - Working Committee

Each Department represented on the Steering Committee appointed staff as members of the Working Committee. The Working Committee's primary responsibility was to access information and review recommendations.

- Chairman - Urban Parks Program - Project Coordinator
- Natural Areas Management Coordinator - Calgary Parks & Recreation
- Communications Coordinator - Calgary Parks & Recreation
- Superintendent of Parks - Calgary Parks & Recreation
- Staff from: Data Processing Services, Transportation, Engineering and Environmental Services, Land & Housing, Planning & Building, Fleet & Facilities,

Project Team

A private sector consulting team assisted in the preparation of the Urban Park Master Plan. The Project team assisted the Planning Advisory Committees in the preparation of the plan. One landscape architectural firm was assigned to work with each Planning Advisory Committee. One biophysical team completed a biophysical assessment for the entire study area, as a resource for each Planning Advisory Committee.

Landscape Architectural Team

- Carson • McCulloch Associates Ltd
- Landplan Associates Ltd
- Leonard Novak Landscape Architect Ltd.
- Lombard North Group
- Matrix Landscape Architecture

Biophysical Assessment Team

- Gaia Consultants Inc.
- Sentar Consultants Ltd.

Public Participation

- Linda Stewart Public Participation Consultant
- Ken Richardson Illustration and Graphic Design



CHAPTER 2.0 • VISION STATEMENT

2.0 THE URBAN PARK MASTER PLAN VISION STATEMENT

2.1 VISION STATEMENT PREPARATION

Each Planning Advisory Committee individually prepared a "Draft" Vision Statement that was synthesized into one common "Draft" Vision Statement by the Citizens Advisory Committee. The "draft" Vision Statement was distributed to over 500 special interest groups and citizens for comment. The "draft" Vision Statement was reviewed in public in February 1993, at a series of five Public Information Sessions. The Vision Statement was revised following the public review. City Council approved the Vision Statement in May 1993. The following is the approved Vision Statement, which includes the overall vision, a descriptive background and a list of 18 principles designed to guide the development of the Master Plan.

2.2 VISION STATEMENT

A Vision for Calgary's River Valley Park System

“The people of Calgary envision a continuous integrated river valley park system that reflects the city's unique prairie and foothills setting. The River Valley Park System will express citizens' commitment to its preservation, use and enjoyment, and will promote understanding of our natural and historic heritage. We envision a river valley park system in which we will all take pride, and in which every citizen will assume responsibility for its protection.”

2.3 VISION STATEMENT BACKGROUND

River valleys are dynamic, living systems. They are comprised of flowing waters, springs, wetlands, islands, riverbanks, ravines, escarpments, terraces and forested slopes. They change yearly with the seasons and over decades and centuries as bank erosion, flooding and channel realignment alter their courses.

In the prairies and foothills, river valleys have historically been a primary refuge for both people and wildlife. For thousands of years they have provided water, fuel, food, building materials and transportation. They have, also, represented identifiable places in the landscape, giving unique form and structure to peoples first encampments, then later to our towns and cities.

As cities like Calgary have matured, the river valleys around which they have grown have increasingly become sanctuaries from the stresses of daily life, aesthetic resources and areas for recreation. They have, as well, been abused and misused as sewers, garbage dumps and storage areas for industrial materials.

In recent years a heightened awareness of the characteristics and sensitivities of these precious landscapes has resulted in an increased appreciation. It was recognition of these attributes which first initiated Alberta's Urban Parks Program, and resulted in development of Urban Parks such as Capital City Recreation Park in Edmonton and Waskasoo Park in Red Deer. Currently it is recognition of the values and qualities of the Bow River, the Elbow River and Nose Creek systems which has animated Calgary's citizens in preparation of this Vision.

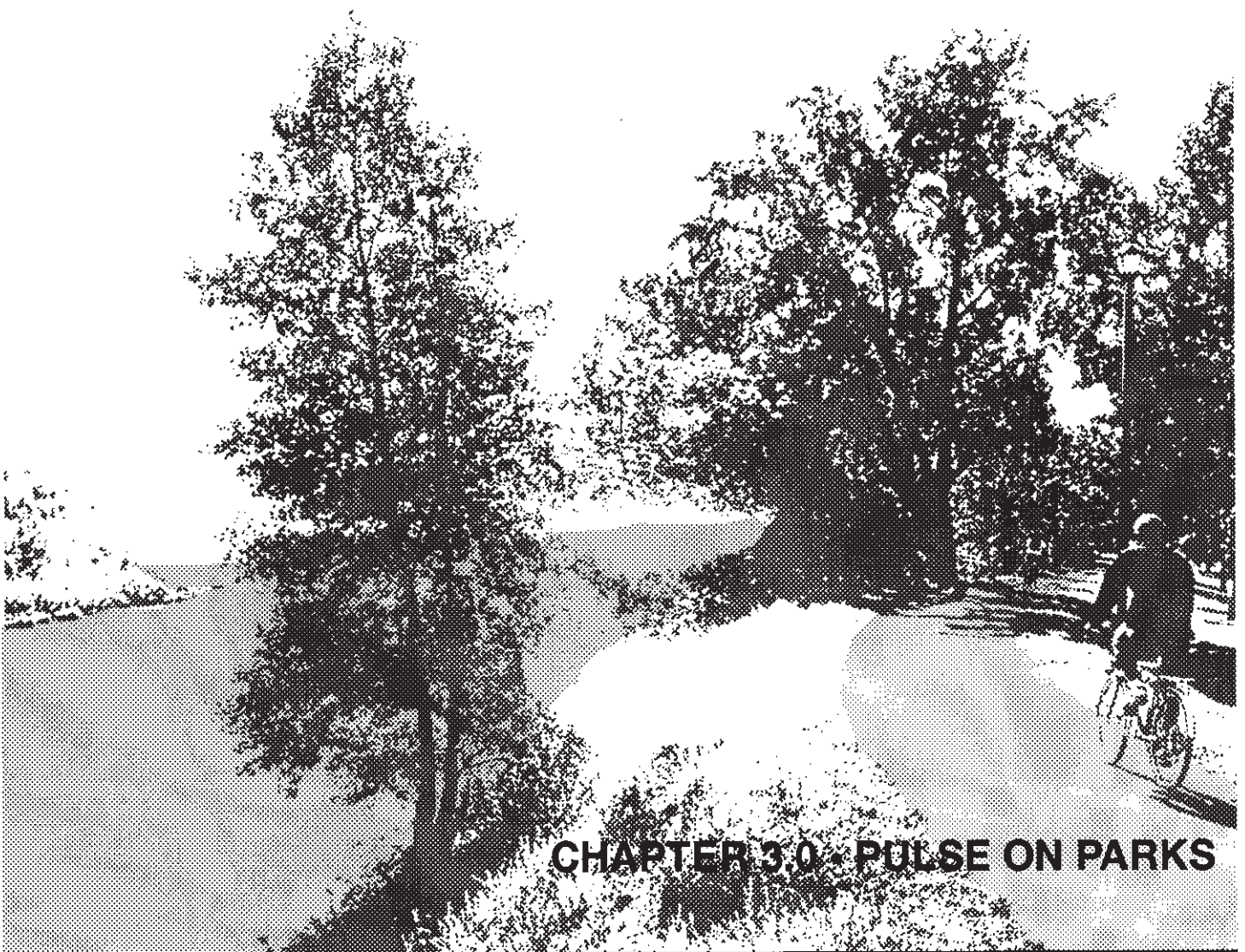
2.4 VISION STATEMENT PRINCIPLES

The 1984 Calgary River Valleys Plan, and the following principles will guide the development of Calgary's River Valley Park System.

IN PRINCIPLE:

- 1. The overall structure of the River Valley Park System will be based upon protection, rehabilitation and/or reestablishment of naturally sustainable landscapes, waterways, and ecosystems.*
- 2. All significant sources of contamination or degradation of river and related waters will be eliminated, recognizing that watershed management coordination with upstream and downstream municipalities and governing agencies will be essential.*
- 3. The primary use of the River Valley Park System will be passive, low intensity, informal, unstructured activities.*
- 4. Intensively used facilities will be designated to appropriate sites which are not environmentally sensitive and which are carefully designed as "special use areas".*
- 5. The River Valley Park System will include a continuous river valley pathway, not always adjacent to the river's edge.*
- 6. The River Valley Park System will be accessible, usable and safe for all persons where practical and environmentally appropriate, bearing in mind the needs of persons with disabilities.*
- 7. Year-round enjoyment of the River Valley Park System will be encouraged, but with regard to environmental impact.*
- 8. Appropriately designed park linkages will extend into adjacent communities, connecting school sites, community centres, recreational facilities, and urban open spaces.*

9. *Adjacent development will respect and reflect the character of the River Valley Park System, and provide for reasonable public access to the park system.*
10. *The River Valley Park System will complement and reflect the unique character and the qualities of the individual park areas and adjacent communities.*
11. *The River Valley Park System will be designed to accommodate the planned intensity of use in each specific area to ensure the integrity of the landscape and waterways, and over-use may be accommodated by creative alternatives outside of the river valley.*
12. *Landscape features contributing to the visual continuity and aesthetic quality of the River Valley Park System will be protected, maintained and enhanced where appropriate.*
13. *Through protection, sensitive planning and design, education and interpretation, the River Valley Park System will promote a sense of stewardship in all Calgarians.*
14. *Calgarians will be urged to accept responsibility and liability for their use of the River Valley Park System.*
15. *To assure long term benefits for all Calgarians, the success of the plan will depend on fiscal responsibility in planning, management and maintenance.*
16. *When human use versus wildlife use comes into serious conflict in those areas designated as major natural areas in the 1984 Calgary River Valleys Plan and the Urban Park Master Plan, wildlife and habitat will take priority.*
17. *The River Valley Park System will be a park resource for all Calgarians and will be in addition to the neighborhood parkland entitlement within adjacent communities.*
18. *All bridges will accommodate pedestrian and bicycle use and all new road and bridge construction required, will comply with the Vision Statement.*



CHAPTER 3.0 - PULSE ON PARKS

3.0 PULSE ON PARKS

3.1 OVERVIEW

Prior to the preparation of the Urban Park Master Plan, Calgary Parks & Recreation initiated an urban park survey, entitled Pulse on Parks. The survey was undertaken to establish an objective baseline of information related to Calgarians park and open space needs, preferences and priorities. Pulse on Parks provided an opportunity for public involvement in the identification of needs and issues to be addressed in the master plan planning process. This survey also increased public awareness in the community of the Urban Parks Program and the Urban Park Master Plan planning process. Existing park use patterns and trends were also sampled.

Pulse on Parks was conducted during the months of November and December 1991. The questionnaire was distributed by Canada Post to all residential dwellings located within the municipal boundaries. (267,779 questionnaires). Of the 267,779 questionnaires sent out, 46,384 questionnaires were returned representing a return rate of 17.3%.

Survey results were used by each Planning Advisory Committee in the preparation of the Urban Park Master Plan.

A series of reports have been prepared that detail the Pulse on Parks results. They are available from Calgary Parks & Recreation. These reports include:

VOLUME I:

Section I: Technical Report & Summary of Results
Section II: Ward Analysis of Results
Section III: Detailed Report & Analysis of Results: Issues Related to the Heart of the Valley Urban Parks Project

VOLUME II:

Section I: Detailed Report & Analysis of Results
Structured & Unstructured Sports
Section II: Detailed Report & Analysis of Results
Informal Play, Walking, & Jogging
Section III: Detailed Report & Analysis of Results
Festivals, Cultural, & Nature Appreciation
Section IV: Detailed Report & Analysis of Results
Relaxation & Nature Appreciation
Section V: Detailed Report & Analysis of Results
Parks & Open Space Allocation
Section VI: Detailed Report & Analysis of End Comments
Section VII: Summary Report

3.2 RESULTS AND ISSUES RELATED TO THE URBAN PARK MASTER PLAN

Pulse on Parks indicates that Calgarians are appreciative and supportive of their parks and the river valley system. Analysis of the results also indicates that Calgarians support expansion of the river valley system (primarily via natural areas, pathways, and trails). This expansion must be environmentally sensitive, balanced and provide ease of access for all in order to address the concerns expressed by survey respondents.

In the survey questionnaire respondents were asked to review a series of issues related to the river valley system. The respondents were then to identify those issues which they felt should be addressed in the Urban Park Master Plan. These issues were outlined and described in four main categories: (1) pathways, (2) protection and care of open spaces, (3) river valley facilities, and (4) interpretive facilities. This section provides a detailed analysis and where possible a synthesis of these results.

In analyzing the data pertaining to this section the following subsets or categories were used for comparative purposes; (1) frequency of park use, (2) gender, (3) household description (couple, single parent, etc.), (4) age, (5) main reason for park use, (6) main reason for non-use, and (7) ease of access to the river valley system.

Overall, there were few significant variations on the basis of ease of access to the river valley system, between non-river adjacent communities and river adjacent communities (NRAC/RAC). However, there were differences in the rates of use between respondents in RACs as compared to respondents in NRACs. Among RACs, more than 23% of respondents indicated that they used parks on a regular basis as compared to 16.3 % of those in NRACs. More than 30% of respondents in NRACs used parks less than twice per month as compared with 23.5% of those in RACs. Corresponding to these variations is a significant difference as to the main reason for not visiting parks. Approximately 20% of NRAC respondents cited 'too far away' as the main reason for not visiting parks, as compared to 13.9% of RAC respondents. Therefore, it is possible to argue that proximity to the river valley system is likely to be an indicator of use and expectation of the features for the river valley system.

Pathway Issues

A number of issues pertaining to the pathways were presented for consideration. These included (1) connections to adjacent communities, (2) connections to outlying communities, (3) amenities (eg. benches, viewpoints), (4) bridge crossings, (5) pathways surfaces, (6) pathway signs, (7) pathway safety, and (8) pathway access for the disabled.

The issues which were most strongly supported for inclusion in the planning process were; pathway safety (more than 86%), amenities (more than 78%), and pathway surfaces (76%). The Urban Park Master Plan addresses these concerns through design recommendations that improve the trail system, improve linkages to adjacent communities and recommends alternative routes outside of the river valley.

While more than 84% of survey respondents indicated concern about pathway safety, less than 7% of non users indicated that the main reason for not visiting parks was concern about personal safety. This would suggest that although pathway safety and concerns about personal security overlap, they should not be considered as the same issue. More than 87% of females expressed concerns about pathway safety as compared to 83.2% of males.

The major irritant/concern of respondents was that of the interaction between walkers/joggers and cyclists on the pathway and trail system. The vast majority of respondents called for a physical separation of these activities. However survey results suggest that these activities are as much social as physical. To separate them to such an extent that they are not readily visible to each other would diminish the overall social experience that these activities provide.

Concerns about amenities were generally congruent on the basis of frequency of use, gender, age, and household description. However, 85.5% of those aged 65+, and more than 84% of those aged 15-19 indicated that this was an issue which should be addressed in the planning process. In both ages groups the rating for the quality of parks and open space exceeds the rate of concern about amenities. This would seem to indicate that their concern is more about the number of available amenities, rather than the quality of present amenities.

Overall, support for the idea that connections to adjacent communities is an important issue was at 76% for those who strongly agreed or agreed. However, less than 60% agreed that the issue of connections to outlying communities was an important concern. Support for these issues were strongest among those who use parks for commuting, for structured sports, and among those aged 20-44.

Care & Protection Strategies for Open Space

In this section respondents were asked to identify the level of appropriateness that they placed on particular strategies for the protection and care of open space. The following issues were listed; (1) Acquisition of lands identified as environmentally sensitive, (2) Acquisition of lands to complete the river valley system, (3) Develop open space and allow controlled human use, (4) Preserve open space and prohibit human use, (5) Preserve open space for wildlife, (6) Increase public education programs.

Overall, respondents to the Pulse on Parks Survey identified the acquisition of river valley lands, and the acquisition of environmentally sensitive lands as the care and protection strategies which were most appropriate for inclusion in the Urban Park Master Plan. These issues were followed by; develop open space and control human use, increase public education programmes, preserve open space for wildlife, preserve open space and prohibit human use. The issue of 'preserve open space and prohibit human use' was the least supported issue in the Pulse on Parks Survey. Less than 23% of respondents supported this open space strategy as either 'very appropriate' or 'appropriate'.

Generally, support for the issues in this section was strongest among ages 15-24 (approximately 6% of respondents), response rates averaged 80% for 'very appropriate' or 'appropriate'. Support was somewhat lower among those aged 25-44 (60% of respondents), at 70%, and other age groups exhibited somewhat lower levels of support for these issues. Support for these issues was significantly higher among respondents in NRACs as compared to those in RACs.

A general consensus exists among respondents about the protection and care strategies for open space presented in the Pulse on Parks Survey. Although respondents are supportive of the acquisition of river valley lands, and the acquisition of environmentally sensitive lands, they do not appear to be prepared to support the acquisition of numerous environmental reserves which would cause serious interference with their access to, and enjoyment of the river valley system.

This concern about restricted access is clearly presented by the levels of support given to the issues of nature trails and preserving open space and prohibiting human use. The high level of support for the inclusion of the issue of nature trails, was the second most strongly supported issue. Nature trails must involve interaction with, not exclusion from natural areas. However 'preserve open space and prohibit human use' was the least supported issue in the Pulse on Parks Survey. Clearly, respondents expect access to, and enjoyment of the river valley system.

Support for the issues of acquiring land to complete the river valley system and environmentally sensitive lands was broadly based among all respondents, both users and non parks users. More than 72% of respondents supported these issues as being either 'very appropriate' or 'appropriate' for inclusion in the planning process. Support for these issues was strongest among those who use parks 11+ times per month, and among respondents in NRACs.

The support of respondents for an integrated multi-use river valley system is demonstrated by their responses to the issues concerning open space development. The issues raised were (1) develop open space and allow controlled human use, (2) preserve open space for wildlife use, (3) preserve open space and prohibit human use. Their resistance to prohibited human use is balanced by support for open space for wildlife and increased public education programmes.

River Valley Facilities

A series of potential river valley facilities were presented in the survey. Respondents were asked to indicate how necessary they thought each facility was. The options listed were; (1) Play Areas, (2) Rest Stops, (3) Picnic Areas, (4) Nature Trails, (5) View Points, (6) Beaches, and (7) Boat Launches. Overall, respondents identified nature trails, and rest areas as the facilities that were most necessary. These were followed by picnic areas, play areas, and view points.

The issues of nature trails was the most strongly supported issue in the Pulse on Parks Survey. Overall 80.5% of respondents identified nature trails as either a 'very necessary' or 'necessary' potential river valley facility. Support for this issue was broadly based among all categories of users with the greatest level of support among those whose main reason for visiting parks was nature appreciation.

Other facilities were divided into 'active' or 'passive' use categories. Rest areas, picnic areas, and viewpoints were considered passive use facilities. These are areas in which the level of activity would not be as intense as might be found in designated play areas, boat launches, or beach areas. Any combination of passive use areas could be expected to exist in close proximity to each other without causing disruption to each other. Beaches, boat launches, and designated play areas were considered active use facilities and as such would generally be incompatible in close proximity to rest areas, picnic areas, and view points.

Interpretive Facilities

As part of this section's review of the potential elements for the river valley system, respondents were asked to indicate whether they felt that an interpretive theme should be included in the Heart of the Valley-Urban Parks Project. City-wide, more than 71% of respondents indicated 'yes', and of these, 32.7% selected a self-guided program as the preferred interpretive theme option. The least supported options were, a single interpretive facility and a series of interpretive facilities. It is evident that in comparison to the other options presented in the Pulse on Parks Survey that a self guided option is the preferred interpretive option.

Priorities for Open Space Funding

City-wide, 28.5% of respondents indicated support for general use parks as their first open space funding priority, 27.7% supported the pathway and trail system as their first priority, and 14.7% indicated that their priority was for natural areas. The lowest levels of support were for formal and informal fields (less than 2% each) and for local playgrounds and walkways (less than 5% each). These results are congruent on the basis of the NRAC/RAC comparison.

The closeness of funding priority for 'pathway & trail system', and 'general use parks' indicate that Calgarians were expressing a desire for an integrated, well balanced river valley parks system. Further, this system should be planned in such a manner that it would allow Calgarians to move easily and safely to a variety of parks suited to their needs and desires (including special events and festival occasions).

The more than 18% of Calgarians who used parks most frequently (11+ times per month) indicated that their first funding preference by more than 9% was for the pathway and trail system, second was for general use parks, and third was for natural areas. This is consistent with this group's well defined preferences for park use, that include commuting, and exercise.

More than 50% of those whose first funding priority was the pathway and trail system cited exercise, and sports as the main reasons for visiting parks. Nature appreciation was the third most common reason given. It is of significant interest that the 25-44 age group was the most supportive of the pathway and trail system.

Among those who supported general use parks as their first funding priority, the main reason for visiting parks was nature appreciation and the second most frequent reason was for relaxation. The third most common reason cited was for sports. Couples with children, females, and those that were mobility restricted were among the strongest supporters of general use parks.



CHAPTER 4.0 - BIOPHYSICAL ASSESSMENT

4.0 BIOPHYSICAL ASSESSMENT

One of the first phases in developing the Urban Park Master Plan involved a biophysical assessment of the living and non-living natural resources within the Calgary river valley system. The objective of the biophysical assessment was to establish a framework for decision-making with respect to long-term park planning for the river valley. This assessment was undertaken by GAIA Consultants of Calgary, in association with a multi-disciplinary research team of geologists, geomorphologists, hydrologists, plant and animal ecologists, and other technical specialists.

This summary provides an overview of the biophysical assessment process and summary results for the five designated river valley planning segments. Detailed results are contained in a technical report available at the City of Calgary, Planning and Building Information Centre, 268-5333.

4.1 THE BIOPHYSICAL ASSESSMENT PROCESS

The biophysical assessment included three stages: data collection, data analysis and evaluation of development options.

4.2 DATA COLLECTION

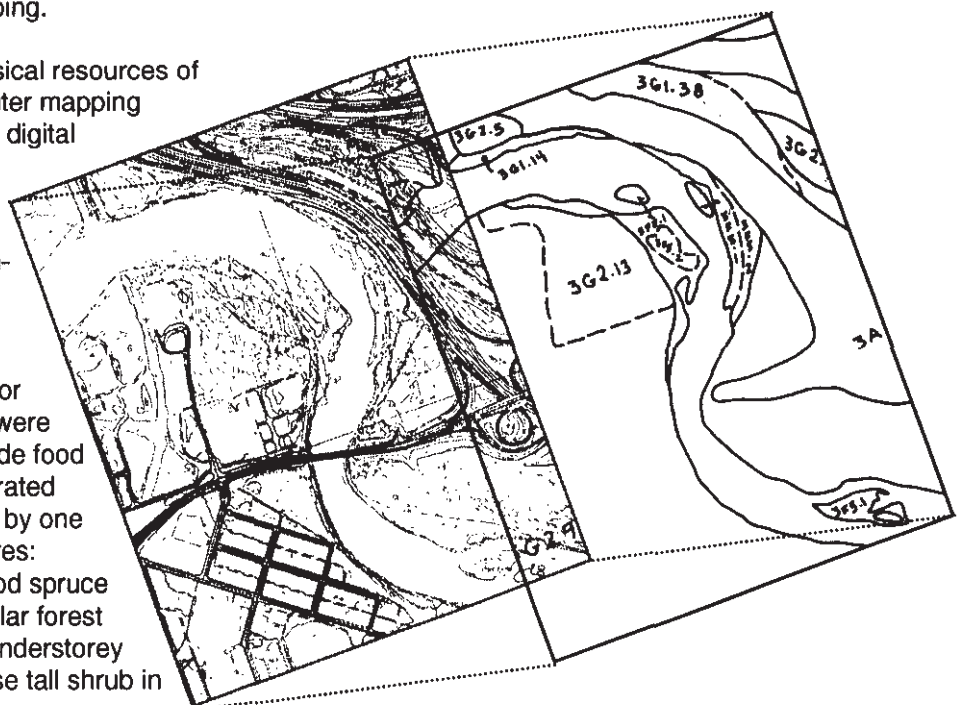
Using aerial photography flown in 1992, researchers divided the study area into ecological units based on similar vegetation and topography. Once the preliminary boundaries of the ecological units were mapped, researchers proceeded with a systematic field assessment collecting data on landforms, soils, vegetation, and wildlife. One hundred and thirty sample plots were established to describe major plant communities and site conditions in the study area and to verify the contents of the ecological units.

4.3 DATA ANALYSIS

The natural resource data was quantified, classified, analyzed, and published in a technical report. This data was used to confirm and map the ecological units within the study area. Geographical Information Systems (GIS) computer technology was used to draw the ecological units and to generate a comprehensive biophysical map. This map was produced using the City's CalSIM (City of Calgary Spatial Information Management) computer mapping.

Besides recording the biophysical resources of Calgary's river valleys, computer mapping supplies the City with a useful digital database. The information in the database is easily stored, updated, and merged with other maps for future decision-making in the river valleys.

The biophysical assessment focused on habitat suitability for wildlife. The ecological units were ranked on their ability to provide food and cover for wildlife. Highly rated map units were characterized by one or more of the following features: aquatic vegetation, mixed wood spruce and aspen forest, balsam poplar forest with a well developed shrub understorey near a stream course, or dense tall shrub in a streamside setting.



Ecological units were also assessed on their ability to accommodate recreational facility development, based on the geology, geomorphology and hydrology of each ecological unit.

4.4 EVALUATION OF DEVELOPMENT OPTIONS

The Biophysical Assessment team was involved in the preparation of the Urban Parks Master Plan preliminary design concepts to ensure that the recommendations developed met the Plan's objectives for preservation and enhancement of the river valley study area.

4.5 PLANNING AREAS NATURAL CHARACTER EVALUATION

The Urban Park Master Plan was initially prepared by five Planning Advisory Committees corresponding to the five geographic segments of the river valley system. This summary is organized by those geographic segments.

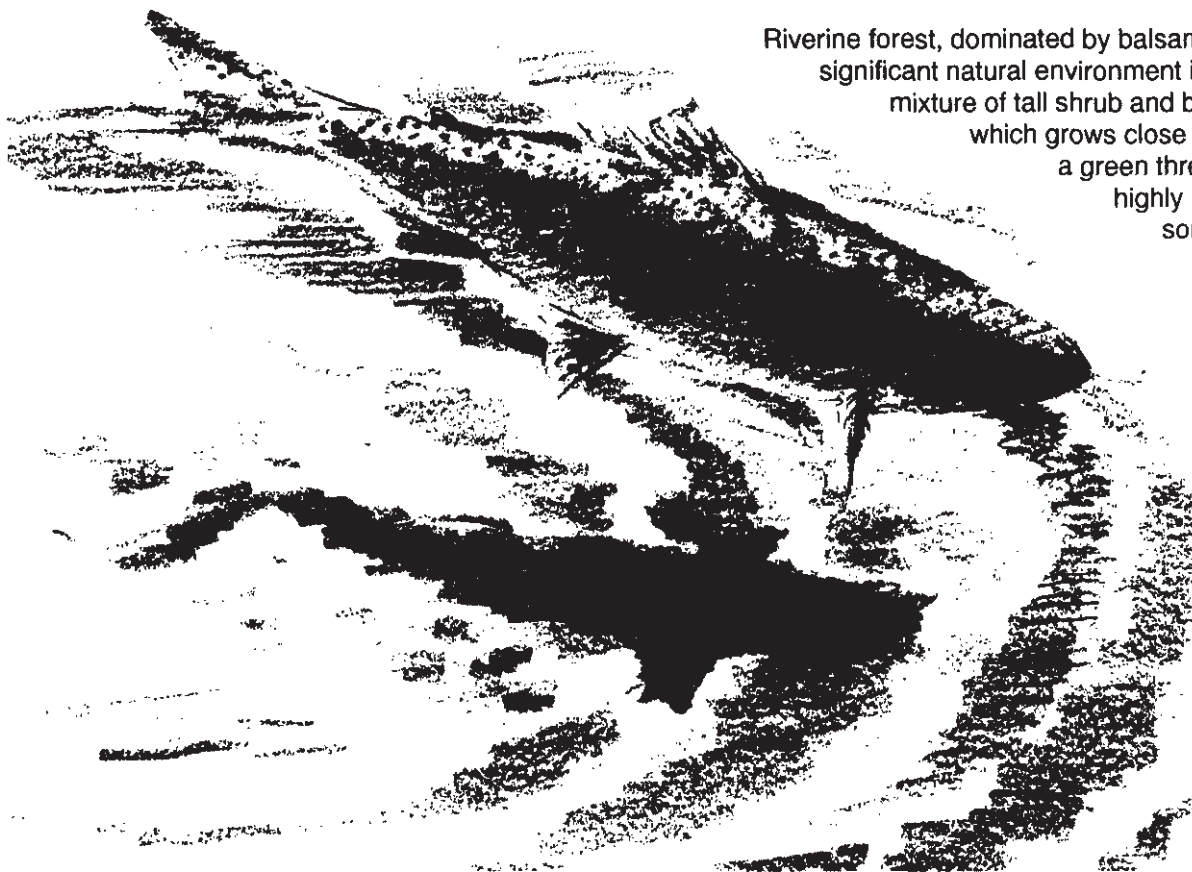
4.5.1 Bow River West

Unlike any other segment, Bow River West is characterized by its diversity, abundance and connectivity of natural vegetation and landforms. This combination of factors encourages significant wildlife movement and use. The river also provides important brown and rainbow trout spawning habitat.

Visibly, the most striking feature of the valley is the north-facing escarpments which are richly covered by white spruce and aspen woodland. Stands of Douglas fir occur at Edworthy Park, Valley Ridge, and near Bowness Park, representing an unusual disjunct population of this mountain conifer. Other escarpments, on both sides of the river, contain a variety of native grasslands, dominated by needle and fescue grasses. Riverine forest containing balsam poplar is found on the floodplain and ranges from disturbed sites, with little understorey vegetation, to more natural conditions characterized by well developed shrub layers. Unique to this segment are a number of ravines with springs that cut abruptly into the thick lake deposits that border the valley. Because of the moisture in these ravines, balsam poplar which usually requires moist valley bottoms, is able to thrive in places like Twelve Mile Coulee, Edworthy Park, Paskapoo Slopes and Valley Ridge.

4.5.2 Bow River Centre

The Bow River Centre segment occupies an old valley several kilometres wide. This feature has encouraged urban development, isolating significant natural environments. The majority of open space is either manicured or natural with extensive disturbance. The Inglewood Bird Sanctuary and portions of Pearce Estate Park, however, are provincially significant for songbird migration and overwintering.



Riverine forest, dominated by balsam poplar, is the most significant natural environment in the area. The thin mixture of tall shrub and balsam poplar vegetation which grows close to the river's edge is like a green thread winding through this highly urbanized setting. In some disturbed sites, such as the east end of Prince's Island, new growth of balsam poplar is appearing. South-facing escarpments are dominated by disturbed grassland and tall shrubland.

4.5.3 Bow River South

Bow River South is largely made up of continuous open space with much of its significant natural environment found on private lands. The natural character of this segment provides a suitable mixture of wildlife habitat which in turn supports large white-tailed and mule deer populations. The area contains the city's only nesting osprey, as well as a great blue heron colony. In winter, the Bow River stays open providing access to thousands of overwintering waterfowl and high numbers of bald eagles. In summer, many American white pelicans and double-crested cormorants take advantage of the fine trout and whitefish that make the South Bow a world renowned fishery.

Balsam poplar woodland, with a mix of understorey conditions, are common along the river. This kind of forest is well documented for its importance to songbirds and is particularly essential to migratory species. Interspersed among forested areas are low shrub communities and disturbed grasslands. Industrial sites, such as gravel mining, also dominate the Bow South landscape. Escarpments along both sides of the river are predominantly native grassland with some disturbed locations. There is one area of spruce forest in the southern portion of the segment.

4.5.4 Elbow River

The Elbow River segment features a substantial mixture of residential development, manicured park and natural features. The natural environment ranges from the large and diverse Weaselhead and South Glenmore Natural Areas, to the escarpments, sandstone outcrops, and riverine forests downstream of the Glenmore dam. Of special interest is the Weaselhead Natural Area where unusual wildlife species occasionally visit such as black bear, moose and Canada lynx. The reservoir is significant in spring and fall for the large number of migrating water birds it attracts, including swans, geese, shorebirds, rare ducks, grebes, and loons. The Elbow valley also contains significant brown trout spawning sites.

The Weaselhead, created by the construction of the Glenmore Reservoir, is a deltaic environment which is rich in a variety of vegetation communities ranging from white spruce forest, aspen and balsam poplar woodland, to tall shrubs and emergent vegetation. The narrow river valley downstream of the dam is characterized by cool, north-facing white spruce forests mixed with aspen and balsam poplar. Interspersed throughout are tall shrublands and native and disturbed grasslands. While appearing largely fragmented, the area is still an important natural system due to its habitat diversity, size, and importance to wildlife.

4.5.5 Nose Creek

Agriculture and industrial uses now dominate the original linear grasslands of Nose Creek. Bordered by escarpments, the Nose Creek valley and its main tributary, West Nose Creek, are excellent examples of channels cut by glacial meltwater action. Bordering parts of the escarpments are sandstone outcrops offering superb views down the valley.

The area is dominated by a mixture of disturbed and native grasslands, with the majority of grassland disturbance arising from cattle grazing and cultivation. The native grasslands are composed mainly of mixed grass species and occur along most escarpments. A narrow strip of tall shrubs characterizes the creek bed.

Normally, small grassland communities are less suitable as wildlife habitat because they are not as diverse as tree and shrub communities. However, they are critical as they provide important feeding locations for many species who nest or breed in other vegetation communities.

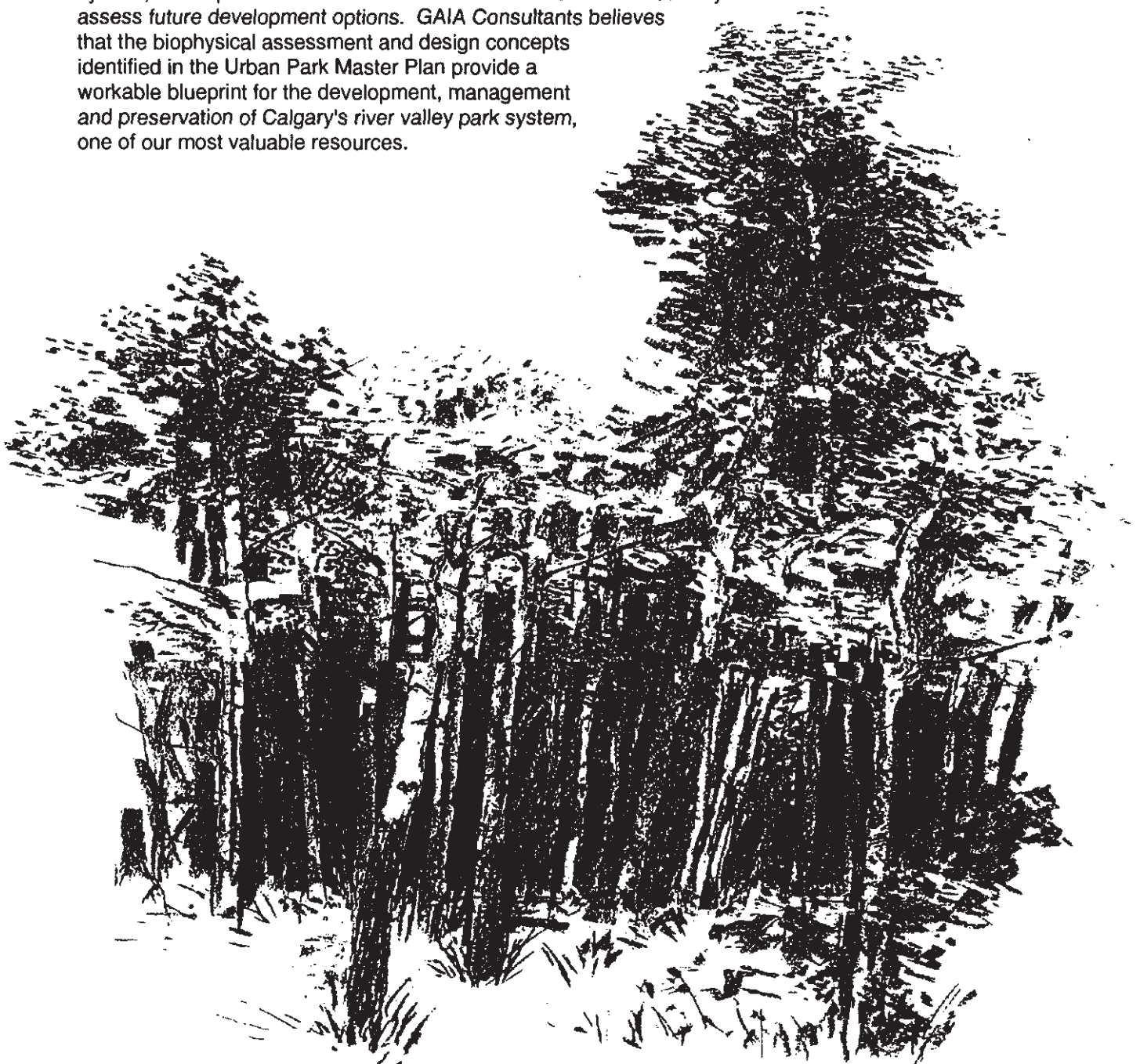
4.7 CONCLUSIONS

Calgary's river valleys play a major role in shaping our city's image. They are comprised of a complex system of natural and man-made environments. While only a small percentage of the total land area consists of natural environments, these areas provide crucial habitat for a diverse range of wildlife. Based on the findings of the

Urban Parks Program biophysical assessment, it is evident that the basic framework for a healthy, natural system in Calgary still exists. Within the Urban Parks Master Plan, exciting opportunities have been identified to restore areas that perform an important supporting role for wildlife.

The biophysical assessment recognized twenty-nine distinctive plant communities including: eight tree communities, half of which are dominated by balsam poplar; twelve distinctive shrub communities many dominated by willow; six grass communities characterized by native and domestic grasses; and two distinctive wetland communities. Together with the rivers, these areas comprise thirty percent of the study area. The remaining area consists of urbanized landscapes intensely reconfigured for residential, commercial and industrial activity.

The Urban Park Master Plan provided a unique and exciting opportunity to complete a much needed biophysical inventory and assessment of Calgary's river valley resources. Not only was the biophysical assessment successfully used by the Planning Advisory Committees to develop design concepts for Calgary's river valley system, it also provides the technical information needed to effectively assess future development options. GAIA Consultants believes that the biophysical assessment and design concepts identified in the Urban Park Master Plan provide a workable blueprint for the development, management and preservation of Calgary's river valley park system, one of our most valuable resources.





CHAPTER 5.0 - MASTER PLAN PROPOSAL

URBAN PARK MASTER PLAN PROPOSAL

5.1 INTRODUCTION

The Citizens of Calgary have prepared a plan that represents Calgarians' long standing concern for the protection, use and enjoyment of our river valleys. The Urban Park Master Plan proposes the establishment of a park system along the river valleys that is essentially comprised of three park types:

- Preservation - designed to provide protection and maintenance of currently undisturbed natural areas and enhancement of existing natural features. Human access to these areas would be limited.
- Naturalized - designed to rehabilitate previously disturbed areas for less intensive park use; to create a more natural appearance through the re-establishment of native vegetation, and to reduce long term maintenance requirements.
- Manicured - designed as the traditional high-maintenance groomed park, for areas that will be used intensively for activities such as outdoor sports, picnicking, holding festivals and other gatherings where large numbers of park users are anticipated.

The plan recommends uses and associated facilities appropriate to each park type. In many cases the plan supports current uses, sometimes recommending ways of more successfully integrating them into a continuous parkland setting. In other cases, the plan proposes over the long term, changes in use or rehabilitation of areas previously used for non-park purposes.

Pathways have been designed to form a continuous network of regional and secondary trails throughout the river valley and/or on some parts of the escarpment, in response to the increasing public demand for this kind of recreational activity. Appropriate linkages are designed to provide improved access to the river valleys.

The plan defines feasible boundaries for the park within the river valleys. Within these boundaries, areas designated as parkland, but currently under private ownership, may or may not remain as open space. It is part of the long-term vision for inclusion of these private lands in the park system as opportunities present themselves either under private or public ownership. It is acknowledged the some private lands within the park boundary will be developed for uses other than open space, where appropriate arrangements cannot be made with the landowners to maintain the land as part of the park.

The focus of the Urban Park Master Plan is on the long term enhancement of the riverine environment. It strikes a reasonable balance between the preservation and protection of natural resources, and the use and enjoyment of the river valley park by all Calgarians. The first phase of the plan will be completed by 1997, through funds made available from the Alberta Heritage Savings Trust Fund. Future phases of the plan will be completed as funds become available.

The Urban Park Master Plan represents Calgarians' long-term vision for the use, enjoyment and protection of our river valleys. Though a great deal of this plan can be accomplished within existing Council approved policy, some proposals are not consistent with existing Corporate policy or other related plans. Resolution of these proposals will be sought in the future.

Urban Park

MASTER PLAN

In Principle

Intensively used facilities will be designated to appropriate sites which are not environmentally sensitive and which are carefully designed as "special use areas"

In Principle

The River Valley Park System will include a continuous river valley pathway, not always adjacent to the river's edge.

In Principle

Appropriately designed park linkages will extend into adjacent communities, connecting school sites, community centres, recreational facilities, and urban open spaces.

In Principle

The overall structure of the River Valley Park System will be based upon protection, rehabilitation and/or reestablishment of naturally sustainable landscapes and ecosystems.

In Principle

The primary use of the River Valley Park System will be passive, low intensity, informal, unstructured activities.

The Vision

The people of Calgary envision a continuous integrated river valley park system that reflects the city's unique prairie and foothills setting. The river valley park system will express citizen's commitment to its preservation, use and enjoyment, and will promote understanding of our natural and historic heritage. We envision a river valley park system in which we will all take pride, and in which every citizen will assume responsibility for its protection.

Map Key

- Preservation parks
- Naturalized Park
- Manicured Park
- Urban Park Boundary
- Zone of Influence Boundary
- Pathways and trails
- Potential Urban Parks
- Program Implementation Projects

In Principle

Through protection, sensitive planning and design, education and interpretation, the River Valley Park System will promote a sense of stewardship in all Calgarians.

This vision includes the incorporation of river valley lands which may be currently in private ownership. These privately held lands may include parcels that are developed for purposes other than those noted in the plan. It is the hope of the citizens who have prepared this plan that as these parcels are managed and developed, landowners will embrace and incorporate the river valley principles.

The Urban Park Master Plan represents Calgarians long-term vision for the use, enjoyment and protection of our river valleys. Though a great deal of this plan can be accomplished within existing Council approved policy, some proposals are not consistent with existing Corporate policy of other related plans. Resolution of these proposals will be sought in the future.

Bow River West



5.2 BOW RIVER WEST

5.2.1 ACKNOWLEDGEMENTS

The Bow River West Planning team acknowledges the contributions of the following individuals who have participated in the development of the Vision Statement and Urban Park Master Plan for the Bow River West segment of the river valley.

During the process of preparing the Bow River West segment of the Urban Park Master Plan, many different ideas and concepts were discussed by the public, the Bow River West Planning Advisory Committees and the Citizens Advisory Committee. Consensus was not always achievable. Therefore, the positions presented in the Bow River West segment represent the majority vote of the Bow River West Planning Advisory Committee.

City of Calgary

Ken Bosma	Calgary Parks & Recreation
Jim Allison	Calgary Parks & Recreation
Will Pearce	Calgary Parks & Recreation
Sara-Jane Gruetzner	Calgary Parks & Recreation
Dave Elphinstone	Calgary Parks & Recreation
Doug Marter	Calgary Parks & Recreation
Bir Dhol	Planning & Building
John Coulson	Land & Housing

and the many other individuals who assisted with mapping and project logistics.

Members of the Planning Advisory Committee

Lonnie Springer	Bowness Community Association (November 1992 - May 1993)
Hugh Magill	Bowness Community Association (November 1992 - May 1993)
Pat McMillin	Montgomery Community Association
Annette Le Faive	Silver Springs Community Association
Robin Koke	St. Andrews Heights Community Association
Lynn Nugent	Varsity Community Association
Sue Davison	Varsity Community Association (Alternate)
Janyce Konkin	Coach Hill / Patterson Heights Community Association
June Kirk	Wildwood Community Association
Edward Stacey	West Hillhurst Community Association
Val Scholefield	Scenic Acres Community Association

Consultants

Garth Balls	Landplan Associates Ltd.
Brian Baker	Landplan Associates Ltd.
Richard Bassett	Landplan Associates Ltd.
Erin Burroughs	Landplan Associates Ltd.
Stan Siemens	Landplan Associates Ltd.
Marge Horniacheck	Landplan Associates Ltd.
Robyn Usher	Gaia Consultants Ltd.
John Kansas	Sentar Consultants Ltd.

5.2.2 INTRODUCTION

The Bow River West segment of Calgary's River Valley Park System is endowed with some of the City's best-known and best-loved parks. The list includes Edworthy Park, Shouldice Park, Bowmont Park and Bowness Park; and there is potential for adding new parks to the list.

The Bow River flows generally from west to east through the segment, and thus, the area is characterized on the south side of the River by steep, forested, north-facing slopes and on the north side by rolling, grassed bluffs with deeply incised coulees. There are significant park areas in a relatively undisturbed state including the Bearspaw lands west of the City, Bowmont Park, the Douglas Fir slopes, Valley Ridge ravine and parts of Edworthy Park. Other areas, such as Lawrey Gardens, are being naturalized over time. Popular recreation sites occur within the segment including Shouldice Park and Bowness Park. There are also areas that need to be rehabilitated like Baker Centre and various gravel extraction operations.

The guiding principle of the Bow West segment is to protect, rehabilitate and/or re-establish the natural landscapes and ecosystems. This will be accomplished by protecting natural area parks including the Bearspaw lands, the Scenic Acres escarpment and ravine, the Douglas Fir slopes and Bowness escarpment, Bowmont Park, parts of Edworthy Park, the Douglas Fir Trail area, Shaganappi slopes and Lawrey Gardens, and the islands in the Bow River. The Paskapoo Slopes, based on the biophysical and visual significance of the area, are recommended for protection and preservation and are included in the Urban Park Zone of Influence. Recreational use of the River Valley Park System in Bow West will be passive and unstructured with the exception of Shouldice Park, the athletic park proposed at the toe of the Scenic Acres escarpment, and existing municipal and private golf courses.

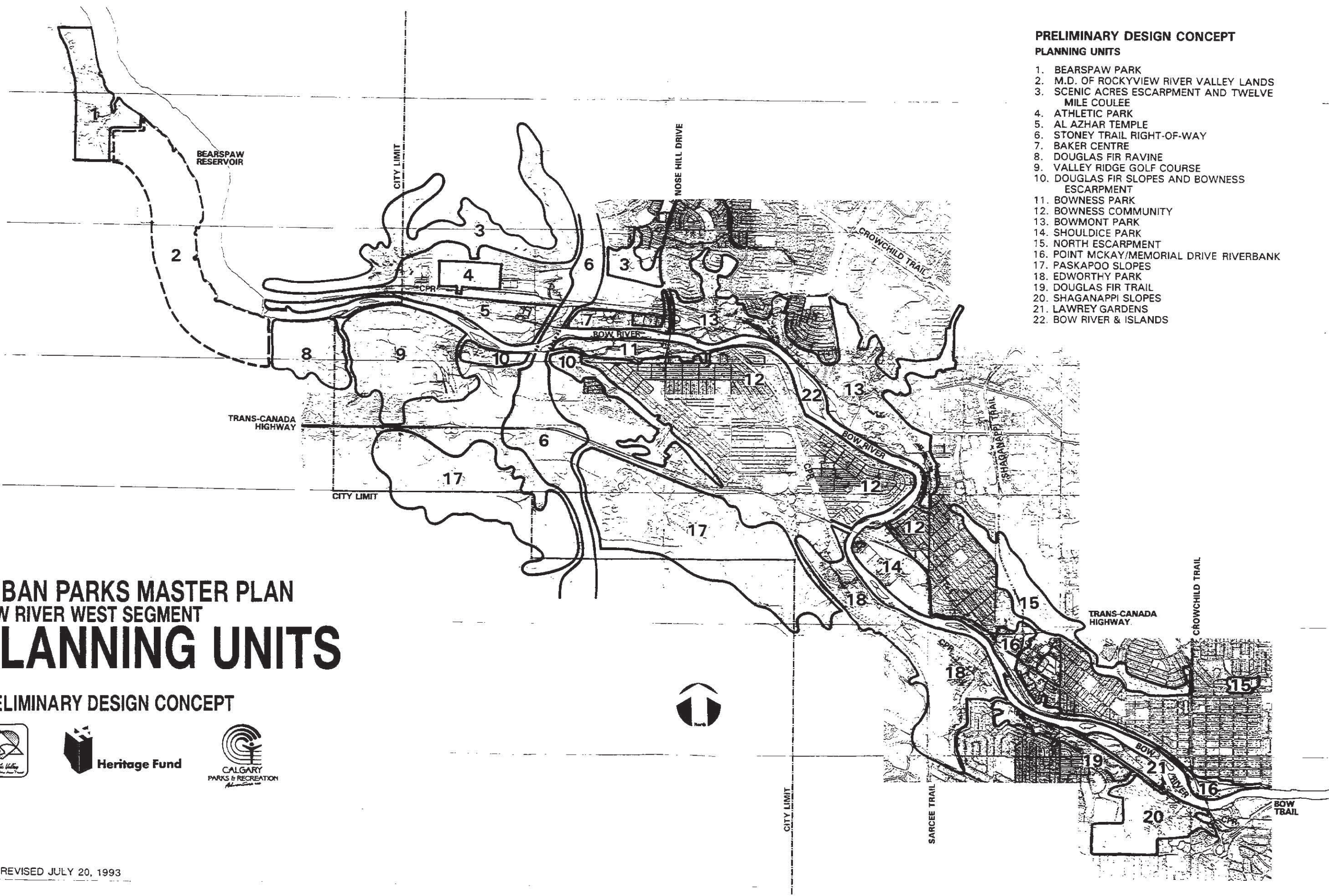
Over-use of parklands in the river valley and the resulting deterioration of fragile natural areas will be discouraged by providing alternatives such as the North Escarpment Trail, to alleviate congestion on the River Valley trails, developing Baker Centre to lessen the pressure on Bowness Park, and improving bicycle commuter routes on the south side of the Bow River, to reduce crowding on the north side along Memorial Drive. Secondary trails, in Bow River West, will not have a paved surface and where appropriate, will be for pedestrian use only with no bicycles allowed.

Pedestrian/bicycle crossings over the Bow River will be included on new bridges such as Stoney Trail and will be added to the existing Crowchild Trail bridge. Proposed extensions of Sarcee and Shaganappi Trails with the associated bridge crossings are not supported by the Urban Parks Master Plan.

Landscape features contributing to the visual continuity and aesthetic quality of the River Valley Park System will be protected and enhanced.

Land acquisition is also recommended in this segment as a first priority for the expenditure of Urban Parks Program funds.

Brief descriptions of the Bow West planning units follow with a list of proposed improvements. Adherence to the planning recommendations for each planning unit will bring Calgarians closer to achieving the vision for the River Valley Park System. We will take pride in the evolving Park System and will assume responsibility for its preservation.



- PRELIMINARY DESIGN CONCEPT
PLANNING UNITS**
- 1. BEARSPAW PARK
 - 2. M.D. OF ROCKYVIEW RIVER VALLEY LANDS
 - 3. SCENIC ACRES ESCARPMENT AND TWELVE MILE COULEE
 - 4. ATHLETIC PARK
 - 5. AL AZHAR TEMPLE
 - 6. STONEY TRAIL RIGHT-OF-WAY
 - 7. BAKER CENTRE
 - 8. DOUGLAS FIR RAVINE
 - 9. VALLEY RIDGE GOLF COURSE
 - 10. DOUGLAS FIR SLOPES AND BOWNESS ESCARPMENT
 - 11. BOWNESS PARK
 - 12. BOWNESS COMMUNITY
 - 13. BOWMONT PARK
 - 14. SHOULDICE PARK
 - 15. NORTH ESCARPMENT
 - 16. POINT MCKAY/MEMORIAL DRIVE RIVERBANK
 - 17. PASKAPOO SLOPES
 - 18. EDWORTHY PARK
 - 19. DOUGLAS FIR TRAIL
 - 20. SHAGANAPPI SLOPES
 - 21. LAWREY GARDENS
 - 22. BOW RIVER & ISLANDS

URBAN PARKS MASTER PLAN
BOW RIVER WEST SEGMENT
PLANNING UNITS

PRELIMINARY DESIGN CONCEPT



5.2.3 PLANNING UNITS DESCRIPTION

The main features of the proposed Urban Park Master Plan for Bow River West are more specifically described on the basis of the following 22 planning units.

Planning Unit 1 Bears paw Park

The Bears paw Park lands are a natural preserve of exceptional quality situated on the banks of the Bears paw Reservoir. The lands, donated to Calgary by the Devonian Foundation, are approximately 3.2 km west of the current City limits. The heavily forested slopes, the rolling hills covered with native grasses and wild flowers, and the secluded inlet will be protected and rehabilitated. Parking, washrooms and auxiliary park facilities will be provided on land already disturbed by gravel extraction. Acquisition of a 7.2 ha (18 acre) land parcel owned by Al Klippert Ltd. is required to complete the planning units.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, *the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map V - Land Ownership.*

Proposed development includes:

- Regional pathway.
- Unpaved secondary trails designed for pedestrian use.
- Picnic facilities.
- Washrooms.
- Parking.
- Reservoir access for non-motorized watercraft.
- Parks maintenance facility.
- Establish proper legal access to the site.
- Construction of a hand boat launch site.

Planning Unit 2 M.D. of Rocky View River Valley Lands

This planning unit is outside of the City of Calgary's jurisdiction; however, it is important that the M.D. of Rockyview be informed of the City's park plans so the M.D. can preserve the forested ravines and upland grass areas adjacent to the Bow River and the Bears paw Reservoir. Through cooperation with the M.D., a regional pathway could link Bears paw park with the parks on the west edge of Calgary.

The Bow River West Planning Advisory Committee encourages the M.D. of Rockyview to adopt the Urban Park Master Plan Vision Statement and principles in the long-term planning and development of the river valley lands to ensure continuous public access to the river and protection of the natural resources. The City of Calgary will work in association with the M.D. of Rockyview to coordinate adjacent park developments and trails.

Planning Unit 3

Scenic Acres Escarpment and Twelve Mile Coulee

The Twelve Mile Coulee and the Scenic Acres escarpment are prominent geographic features with rich biophysical diversity which is further complemented by its association with Bowmont Park. The slopes of the escarpment and the coulee will be preserved in their native state. A regional pathway at the top of the escarpment will link a series of viewpoints overlooking the Bow River valley.

Improvements are proposed as follows:

- Rehabilitation of disturbed areas.
- Regional pathway at top of slope.
- Viewpoints at the crest of prominent ridges.
- Unpaved secondary trails in Twelve Mile Coulee designed for pedestrian use.
- Development setbacks for adjacent developments to allow for continuous public access at the top of the escarpment.

Planning Unit 4

Athletic Park

A park for sports and structured activities will be constructed at the base of the Scenic Acres escarpment. This parcel of land, while relatively level, is located adjacent to the CPR railway and the City's water treatment plant. The athletic park will be linked to the Bow River by a regional pathway, allowing active recreation activities to be combined with leisure pursuits.

Proposed facilities will include:

- Slow-pitch ball diamonds.
- Soccer fields.
- Cricket field.
- Open play areas.
- Regional pathway with CPR railway overpass or crossing.
- Group and individual picnic facilities.
- Washrooms.
- Parking.

Planning Unit 5

Al Azhar Temple Lands

The riverfront parcel that is currently a gravel extraction area will be reclaimed and landscaped, providing park facilities at the Bow River that can be used in conjunction with the athletic park. An easement through the Al Azhar Temple site for a regional pathway adjacent to the Bow River would link this planning unit to Baker Centre, Bowmont Park and Bowness Park. Land acquisition requirements to complete the planning unit include a 16.0 ha (40 acre) parcel owned by the Shriners and a 5.3 ha (13 acre) parcel owned by the Province of Alberta.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the landowners will be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map V - Land Ownership.

Improvements proposed include the following:

- Rehabilitation of disturbed areas and landscape improvements.
- Regional pathway.
- Riverfront picnic facilities.
- Washrooms.
- Improvement of river access for non-motorized watercraft.
- Parking.

Planning Unit 6

Stoney Trail Right-of-Way

With careful planning and attention to pedestrian requirements, Stoney Trail can become a roadway within a park rather than a roadway bisecting a park. The accommodation of pedestrian and bicycle use on railway and river crossings is very important. Lands in the Transportation Utility Corridor not required for road construction should be rehabilitated with indigenous material to appropriately interface with adjacent parklands and natural escarpments.

Proposed recommendations include :

- Preservation of wildlife movement corridors on the north and south sides of the Bow River.
- Limiting the disturbance to natural systems as much as possible.
- Indigenous naturalization of disturbed areas.
- Regional pathway access, as proposed in the Urban Park Master Plan Vision Statement (Principle #18), on railway and river crossings.

Planning Unit 7

Baker Centre

The existing Baker Centre, formerly a medical institution with formal grounds and plantings, will be upgraded into one of northwest Calgary's most popular family recreation parks. In contrast to the natural quality of Bowness Park, this area will retain its manicured character and will evolve into a delightful riverside recreation area. Land acquisition requirements to complete the planning unit include a 3.3 ha (8 acre) parcel owned by the Province of Alberta.

Proposed improvements include:

- Development of the regional pathway through the park.
- Improved automobile and pedestrian/bicycle access to the park.
- Retention of existing mature trees.
- Rehabilitation of all disturbed areas.
- Group and individual picnic facilities.
- Play structures.
- Washrooms.
- Parking.
- Barrier free design to provide access for people with special needs .
- Future pedestrian bridge to Bowness Park.

Planning Unit 8

Douglas Fir Ravine

The greater part of this planning unit is outside of the City of Calgary's current boundaries; however, it is important that information regarding the City's park plans be communicated to the M.D. of Rockyview. The Douglas Fir ravine and lands adjacent to the Bow River should be preserved. Through cooperation with the M.D., a regional pathway could link parks on the west edge of Calgary with Bears paw Park further to the west.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map V - Land Ownership.

Planning Unit 9

Valley Ridge Golf Course

In conjunction with the Valley Ridge Golf Course, a secondary trail will allow access to the south bank of the Bow River and the regional pathway will traverse the planning unit at the top of the escarpment. Negotiations with the owners should be initiated to enhance wildlife habitat and embrace the Urban Park Master Plan Vision Statement and principles.

Issues and proposed improvements include:

- Landscape management of golf course to enhance wildlife habitat.
- Winter access to golf course.
- Development of riverfront park at west edge of golf course.
- Regional pathway.
- Unpaved secondary trail adjacent to the Bow River.

Planning Unit 10

Douglas Fir Slopes and Bowness Escarpment

This planning unit includes the Douglas Fir Historic Site and the heavily forested escarpment adjacent to the Bow River. The forested slopes are being seriously degraded because of uncontrolled and inappropriate use. Protection and rehabilitation of this area is urgent. Immediate fencing of the area is supported by the Bow West Planning Advisory Committee to reestablish the area. Due to the biophysical significance of this area, and the lack of detailed biophysical information, an environmental impact assessment should be undertaken prior to the design and construction of the Stoney Trail and or any of the proposed improvements.

Resolution of the trails in this area will require further discussion with the community, interested parties and the Ward Alderman, following the final design of pedestrian/bicycle connections to the Stoney Trail Bridge.

The detailed Environmental Impact Assessment would be conducted to evaluate the following recommendations:

- Preservation of Douglas Fir slopes.
- Indigenous rehabilitation of disturbed areas.
- Secondary trail (similar to Douglas Fir Trail east of Edworthy Park).
- Regional pathway at top of escarpment.
- Pedestrian/bicycle circulation associated with Stoney Trail.

Planning Unit 11

Bowness Park

Bowness Park is one of the best known and most intensively used parks in the river valley. The lagoon, the shaded picnic sites, and the proximity to the Bow River make the park very popular in summer and skating on the lagoon in winter has become a Calgary tradition. A promenade at the river's edge will be reclaimed from excess roadways in the park. Upgraded facilities for leisure recreation and preservation of natural areas will ensure the popularity of Bowness Park into the next century and beyond.

Proposed improvements include the following:

- Upgrading of manicured areas and facilities.
- Removal of some roads and consolidation of parking.
- Preservation of escarpments and natural areas including the area east of 85th Street NW.

Planning Unit 12

Bowness Community

Residential properties in Bowness extend to the high water mark of the Bow River. Although there will not be public access at the river's edge, the edge is visually important. The entire area is visible from Bowmont Park on the north side of the Bow River. Native vegetation on private lands at the river's edge should be preserved by making homeowners aware of the importance of the natural vegetation adjacent to the Bow River.

Planning Unit 13

Bowmont Park

Bowmont Park is one of Calgary's largest natural areas, stretching more than four kilometres along the north bank of the Bow River. The south-facing slopes are not heavily forested, but the area abounds with wild flowers in spring and summer. With the exception of reclaiming the existing gravel extraction area when it is acquired, minimal development is proposed. Automobiles will be kept to the periphery of the Park. The proposed extension of Sarcee Trail through Bowmont Park, including a major bridge over the Bow River, is not supported by the Urban Park Master Plan. However, the decision regarding this bridge crossing will be made through the GO Plan process. See Section 1.3. In the event that this bridge is deleted from the Transportation By-law all land reserved for the bridge Right-of-Way should be rezoned as parkland.

Two land parcels are required to complete the planning unit: a 9.4 ha (23 acre) parcel and a 23.8 ha (59 acre) parcel.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map V - Land Ownership.

Proposed improvements include:

- Indigenous rehabilitation of disturbed areas.
- Maintenance of existing regional pathway.
- Unpaved secondary trails as necessary to prevent further deterioration of natural areas. Secondary trails will be designed for pedestrian use only and will be kept to a minimum.
- Improvement of trail connections to adjacent communities.
- Parking at periphery (52nd Street NW and 85th Street NW).
- Limited self-guided interpretive trails.
- Creation of wetlands and drylands habitat in existing gravel extraction area.
- Retention of existing rest areas and picnic facilities.
- Landscape management of Silver Springs Golf Course to enhance wildlife habitat.

Planning Unit 14

Shouldice Park

Shouldice Park has developed into one of the City's premier athletic parks, annually hosting soccer, softball and football games. The park will continue to accommodate organized sports but will also provide public space adjacent to the Bow River for more passive activities. Acquisition of eight residential properties adjacent to the Bow River would complete the planning unit.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map V - Land Ownership.

Improvements are proposed as follows:

- Expansion of the naturalized area at the edge of the Bow River.
- Extension of the regional pathway.
- Athletic park use and existing park space to remain.
- River access for non-motorized rivercraft to be considered south of the Trans-Canada bridge.

Planning Unit 15

North Escarpment Trail

The North Escarpment Trail is envisioned as a regional pathway starting at the east end of Bowmont Park and extending to Tom Campbell's Hill in the Bow Centre area. The pathway will provide an alternative river valley experience with panoramic views upstream to the foothills and mountains and downstream to Calgary's city centre. The regional pathway will help alleviate congestion on the pathways adjacent to the Bow River.

Proposed improvements include:

- Retention of existing natural slopes.
- Indigenous rehabilitation of disturbed areas.
- Regional pathway with improved crossings at Shaganappi Trail NW and Trans-Canada Highway, that will maximize linkages to community schools.
- Improvement of unpaved secondary trails on slopes.

Planning Unit 16

Point McKay/Memorial Drive Shoreline

This heavily travelled section of the Bow River's edge will have a more natural appearance for the enjoyment of pedestrians and cyclists as well as motorists. A pedestrian/bicycle crossing at the Crowchild Trail bridge will provide a much needed opportunity to access both sides of the Bow River. Acquisition of two residential properties at the Trans-Canada/Bowness Road interchange is recommended. Any land that is currently zoned for a transportation corridor and bridge crossing should be rezoned as parkland in the event that the Shaganappi Trail bridge and the Memorial Drive extension is not developed. The Urban Park Master Plan does not support the Shaganappi Trail bridge crossing. Decisions regarding this crossing will be made in the GoPlan process. See Section 1.5. In the event that this bridge crossing is not approved all land reserved for the bridge R.O.W. should be rezoned as parkland.

Improvements are proposed as follows:

- Naturalization of additional areas of shoreline and at road interchanges where appropriate.
- Retention of the existing regional pathway.
- Addition of a pedestrian/bicycle crossing over the Bow River at the Crowchild Trail bridge.

Planning Unit 17

Paskapoo Slopes

The Paskapoo Slopes are a westward continuation of the Bow River escarpment from Edworthy Park. The Paskapoo Slopes area is a significant landscape feature contributing to the visual continuity and aesthetic quality of the River Valley Park System (Vision Statement Principle 12) and, as such, is to be protected and preserved. The value of the area in terms of biophysical diversity and wildlife movement emphasizes the importance of preserving the Slopes for the enjoyment and well-being of future generations of Calgarians.

The Paskapoo Slopes encompass Canada Olympic Park (COP), the year-round multipurpose recreational facility operated by the Calgary Olympic Development Association. Through cooperative agreements with the City of Calgary, the existing facilities at COP could be used for major events (ie. festivals) and could provide support to recreation amenities such as cross-country ski trails and nature trails in the park system.

Due to the fact that planning processes have been initiated for a portion of the privately held lands, the Paskapoo Slopes have not been included within the proposed Urban Park boundary. However, the Slopes have been included within the Zone of Influence. Once Area Structure Plans have been completed for the Paskapoo Slopes, it is strongly recommended that the Urban Park boundary be extended to incorporate all *Municipal Reserve and Environmental Reserve established through the approved Area Structure Plans and that priorities be updated to include these additional areas.* These recommendations will also apply to Paskapoo Slopes lands which may be annexed by the City in the future. City representatives helping to prepare the East Springbank Joint General Municipal Plan should inform the M.D. of Rockyview of the City's planning efforts so the M.D. can implement plans which respect the Vision Statement principles and which will lead to protection and preservation of the Slopes.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map V - Land Ownership.

At such time as Paskapoo Slopes land is brought into the Urban Park system, the following policies and improvements are proposed:

- Preservation of ecological unit and wildlife movement corridor.
- *Building setbacks at the top of slope.*
- Development of the South Escarpment Trail which will be a regional pathway at the top of slope.
- Unpaved secondary trails on slopes designed for pedestrian use only.
- Naturalization of slopes in Canada Olympic Park where feasible.
- Discussion with the Province about the possibility of acquiring Provincially-held land in the area.
- *Underpass at Sarcee Trail designed for pedestrian and wildlife movement.*

Planning Unit 18 Edworthy Park

Edworthy Park, on the south bank of the Bow River, contains a unique mixture of upland prairie, forested slopes and river edge plant communities. A popular manicured park area adjacent to the Bow River exists where Thomas Edworthy originally settled in the 1880's and began a profitable market garden. The stately rows of mature trees in this part of Edworthy Park are proud remnants of this earlier land use. The natural areas in Edworthy Park will be preserved. Manicured areas will be upgraded as required but will not be expanded. The proposed extension of Shaganappi Trail through Edworthy Park, including a major bridge over the Bow River, is not supported by the Urban Park Master Plan. Decisions regarding the proposed bridge crossing will be made through the GoPlan process. See Section 1.3. In the event that the decision is made not to build this bridge, all land in the transportation corridor should be rezoned as parkland. Acquisition of four residential properties and two undeveloped land parcels is necessary to complete the planning unit.

Proposed improvements to Edworthy Park include:

- Indigenous rehabilitation of disturbed areas and improvement of wildlife movement corridors.
- *Regional Pathway.*
- Unpaved secondary trails designed for pedestrian use as necessary to prevent further deterioration of natural areas and escarpments.
- Secondary interpretive trails into the Brickburn brick plant
- Upgrading of manicured areas as required.
- *Limited self-guided interpretive signage for ecological and historical features.*
- Indigenous rehabilitation of Sarcee Trail slopes.
- Underpass at Sarcee Trail designed for pedestrian and wildlife movement.
- No expansion of existing parking lots in Edworthy Park.
- Construction of a hand boat launch site.

Planning Unit 19 Douglas Fir Trail

The Douglas Fir Trail planning unit encompasses one of the eastern-most stands of Douglas Fir in Alberta. The north facing slopes are heavily forested with a variety of species, including the 450 year old Douglas Fir, making this preservation area unique in the river valley system. The Douglas Fir Trail provides pedestrian access through the area and includes viewpoints that provide spectacular views of the Bow River valley.

Issues and proposed improvements for this planning unit include:

- Preservation of natural areas.
- Retain the regional pathway at the foot of the escarpment.
- Retain unpaved secondary trails designed for pedestrian use only. Keep trails to a minimum.
- *Limited self-guided interpretive signage.*

Planning Unit 20

Shaganappi Slopes

The Shaganappi Slopes planning unit incorporates the escarpment east of the Douglas Fir Trail and the Shaganappi Golf Course on the crest of the escarpment. The slopes will be preserved in their natural state with improvements to pedestrian/bicycle access from top to bottom of the escarpment. Options for incorporating bicycle use and pedestrian use will be explored during the detailed design of access down this slope and will be designed in association with the Douglas Fir Trail objectives. On-going public consultation will be included in the resolution of this trail.

Proposed improvements include:

- Indigenous rehabilitation of disturbed areas.
- Upgrading of Old Quarry Road for pedestrian use . Upgrading of unpaved regional trail, at 26th St. for bicycle use.
- Landscape management of golf course to enhance wildlife habitat.
- Winter access to golf course.

Planning Unit 21

Lawrey Gardens

The river bottom land at the toe of the Douglas Fir escarpment and Shaganappi Slopes, bounded on the north by a curve in the Bow River, is known as Lawrey Gardens. The area takes its name from John Lawrey, an early pioneer who established a market garden on the site. The land was acquired by the Province in 1953 as floodplain. The natural areas will be preserved and rehabilitation will be undertaken to enhance habitat, especially for bird populations; the area is a popular spot for Calgary bird watchers.

Proposed improvements include:

- Indigenous rehabilitation of disturbed areas.
- Retention of existing regional pathway.
- Unpaved secondary trails designed for pedestrian use only.
- No public vehicular access to the area is proposed.

Planning Unit 22

Bow River and Islands

The Bow River waterway is a critical planning unit, providing habitat for fish and bird species, water recreation opportunities for Calgarians, and one of the most dynamic and attractive features of the City. In keeping with the Vision Statement principles, water quality will be protected and enhanced. The islands in the Bow River will be protected in their native state for use by wildlife and bird populations. No pedestrian access will be provided.

5.2.4

BOW RIVER WEST PLANNING UNITS DEVELOPMENT PRIORITIES MATRIX

FIGURE V

POTENTIAL URBAN PARKS PROGRAM FUNDING



- A-1 High Priority for Implementation by UPP Funds
- A-2 Medium Priority for Implementation by UPP Funds
- A-3 Low Priority for Implementation by UPP Funds
- B Priority (Other Funding Sources)
- C Long-Range Priority

Prior to the implementation of all projects, detailed design studies will be completed with opportunities for the public, community associations, and special interest groups to review and provide input into the proposed design.

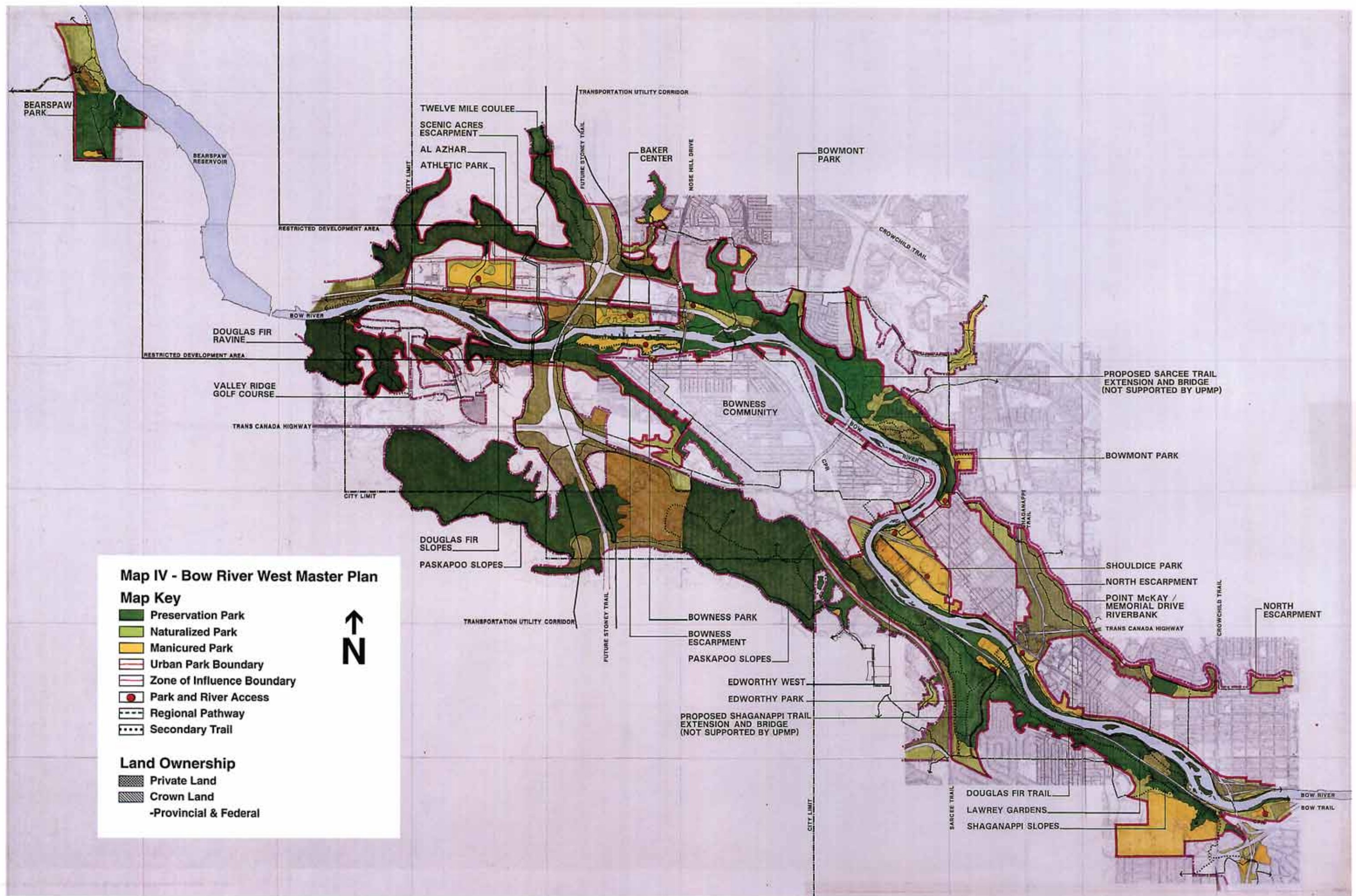
UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
1	Bearspaw Park	Preservation/ Naturalized	Phase One, Park Development	\$230,000	UPP*	Other/City	A-2
1	Bearspaw Park	Preservation/ Naturalized	Phase Two, Park Development	\$850,000		Other/City	C
2	M.D. of Rockyview River Valley Lands	Preservation	Outside City			M.D.	B
3	Scenic Acres Escarpment and Twelve Mile Coulee	Preservation/ Naturalized	Pathway, trails and small parks	\$1,400,000		Other/City, Developer	C
4	Athletic Park	Manicured	Park and sports fields	\$2,600,000		Other/City	C
5	Alazhar Temple Lands	Naturalized/ Manicured	Park at riverside -				
6	Stoney Trail Right of Way	Preservation/ Naturalized	Pedestrian bridge and pathway connections			Other/City, Province	C
7	Baker Centre	Manicured/ Naturalized	Phase One, Park Development	\$1,240,000	UPP		A-1

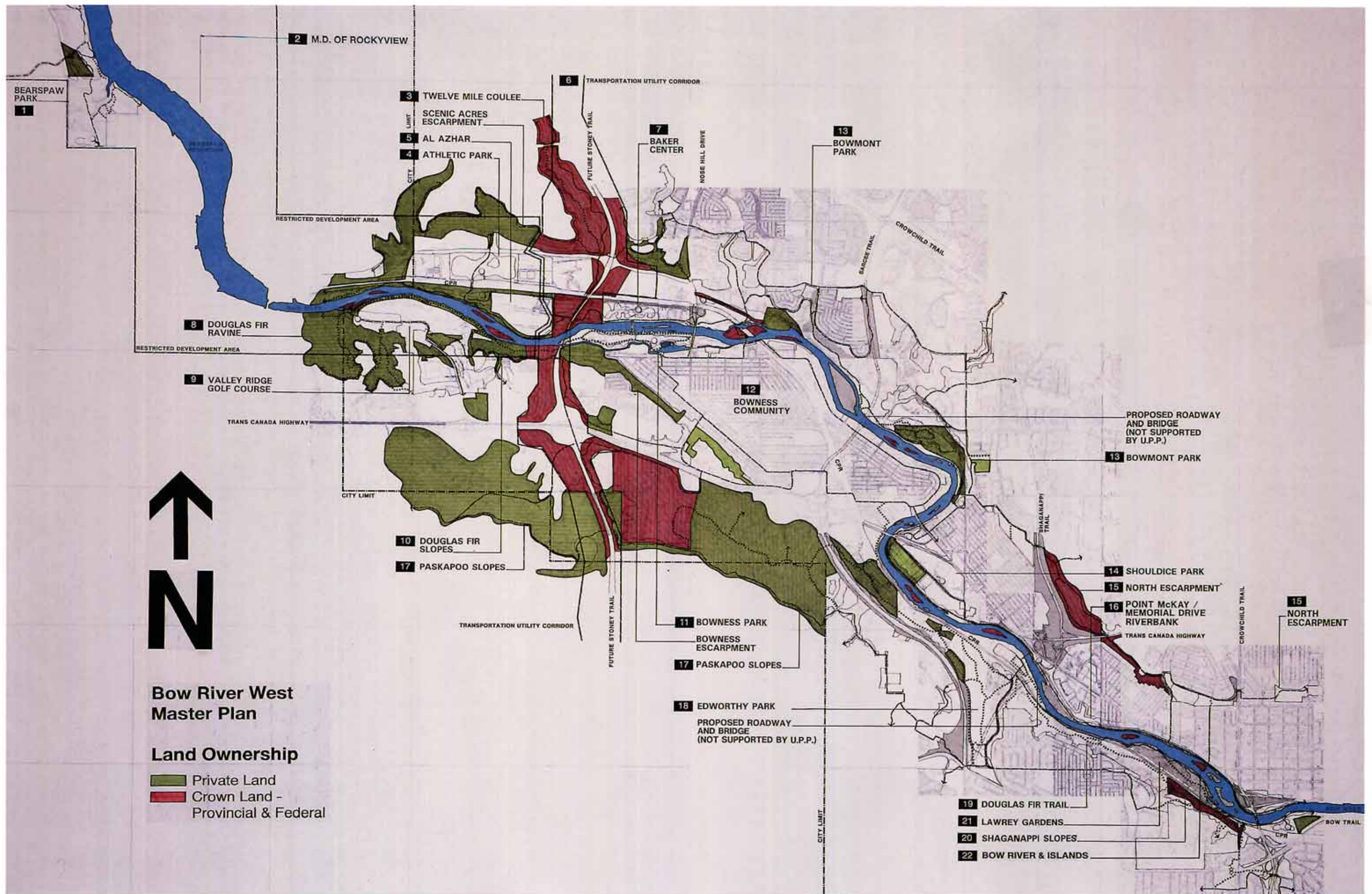
UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
7	Baker Centre	Manicured/ Naturalized	Pedestrian bridge	\$1,300,000	UPP*		A-3
8	Douglas Fir Ravine	Preservation					
9	Valley Ridge Golf Course	Preservation/ Manicured	Pathway and trails, park at riverside	\$470,000		Other/City, Developer	B
10	Douglas Fir Slopes and Bowness Escarpment	Preservation	Pathway and trails	\$450,000		Other/City	B
11	Bowness Park	Manicured/ Preservation	Refurbish existing park	\$950,000		Other/City	B
12	Bowness Community	Preservation					
13	Bowmont Park	Preservation	Rehabilitation	\$50,000	UPP Community Partnership		A-1
13	Bowmont Park	Preservation	Remainder of park development	\$920,000		Other/City	B
14	Shouldice Park	Manicured	Pathway connections	\$280,000		Other/City, Developer	C
15	North Escarpment Trail	Naturalized/ Preservation	Pathway and roadway crossings	\$1,300,000		Other/City	C
16	Point McKay/Memorial Drive Shoreline	Manicured/ Naturalized	Pedestrian bridge over Bow at Crowchild			Other/City	B
17	Paskapoo Slopes	Preservation					
18	Edworthy Park	Preservation/ Naturalized/ Manicured	Secondary trails Brickburn trails	\$150,000	UPP		A-1
18	Edworthy Park	Preservation/ Naturalized/ Manicured	Remainder of park rehabilitation	\$450,000	UPP*	Other/City	A-3
19	Douglas Fir Trail	Preservation					
20	Shaganappi Slopes	Preservation/ Naturalized	Secondary trail	\$60,000	UPP		A-1

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
20	Shaganappi Slopes	Preservation/ Naturalized	Secondary trail	\$40,000	UPP*		A-2
21	Lawrey Gardens	Preservation/ Naturalized	Rehabilitation	\$50,000	UPP/ Community Partnership		A-1
22	Bow River and Islands	Preservation					

TOTAL BOW RIVER WEST	\$15,890,000
POTENTIAL UPP EXPENDITURE IN BOW WEST (DEVELOPMENT)	\$1,550,000
POTENTIAL UPP EXPENDITURE IN BOW WEST (LAND PURCHASE)	\$1,000,000

n.b. Capital costs do not include land acquisition





5.2.5
BOW RIVER WEST PLANNING UNITS
LAND ACQUISITION MATRIX

FIGURE VI

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
1	Bearspaw Park	City	Outside City	Road easement	If purchase is not possible road easement required	Klippert - Operation of gravel pit
2	M.D. of Rockyview*		Outside City	Potential trail easements	Landscape management	Various property owners, outside City
3.1	Scenic Acres & Twelve Mile Coulee		UR/PE		Setback at top of slope	Carma
3.2	Scenic Acres & Twelve Mile Coulee		UR/PE		Transfer of lands from Stoney Trail R.O.W.	Province of Alberta
3.3	Scenic Acres & Twelve Mile Coulee		UR/PE		Setback at top of slope, park at top of slope, pathway links	Devstar Properties
3.4	Scenic Acres & Twelve Mile Coulee		UR/PE			418216 Alberta Ltd.
3.5	Scenic Acres & Twelve Mile Coulee		PE			418216 Alberta Ltd.
3.6	Scenic Acres & Twelve Mile Coulee		PS/PE		Portion of land on escarpment	City
3.7	Scenic Acres & Twelve Mile Coulee*		Outside City			Various owners outside City
4	Athletic Park		UR/PE		Transfer from other City Department	City
5.1	Al Azhar Temple Lands		DC	Road easement		CPR - area between CPR R.O.W. & Al Azhar
5.2	Al Azhar Temple Lands	A - CITY funds	DC/PE			Al Azhar Temple west portion of property
5.3	Al Azhar Temple Lands		DC/PE	Trail adjacent to river around existing facility		Al Azhar Temple around existing facility along river
5.4	Al Azhar Temple Lands*		Outside City, potential PE			TransAlta, Outside City
5.5	Al Azhar Temple Lands	A - CITY funds	UR/PE		Transfer of land from Stoney Trail R.O.W.	Province of Alberta, between Al Azhar & Stoney Trail

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
6.1	Stoney Trail Right of Way		UR		Trails and landscape management in R.O.W.	Province of Alberta, various parcels
6.2	Stoney Trail Right of Way		UR		Trails and landscape management in R.O.W.	C.Clement, School Board, F. Estby, H.&J. Gimbel, Imperial Oil, Carl Mgmt. Guponow Construction, H. Jacober/D. Astley, Shell Oil, Happy Valley Motor Hotel/J. Fern.
7	Baker Centre	A - UPP funds	UR, PS/PE		Transfer of land from Stoney Trail R.O.W. /City	Province of Alberta between Baker Centre and Stoney Trail - City
8.1	Douglas Fir Ravine		PE			Barbican Properties
8.2	Douglas Fir Ravine*		Outside City PE			Various property owners
9.1	Valley Ridge Golf Course		DC/PE		Portion of land on escarpment	Barbican Properties
9.2	Valley Ridge Golf Course*		R1		Trail through housing development	Barbican Properties
9.3	Valley Ridge Golf Course*		A		Landscape management of golf course	Barbican Properties
9.4	Valley Ridge Golf Course		A	Trail along river edge		Barbican Properties River Edge
9.5	Valley Ridge Golf Course		PE			Barbican Properties
9.6	Valley Ridge Golf Course*		A		Landscape management of golf course	Barbican Properties
9.7	Valley Ridge Golf Course		A	Trail along river edge		Barbican Properties
9.8	Valley Ridge Golf Course		PE			Barbican Properties
10.1	Douglas Fir Slopes & Bowness Escarpment		RR1		Landscape management	Allan Waldie
10.2	Douglas Fir Slopes & Bowness Escarpment		PE			Barbican properties
10.3	Douglas Fir Slopes & Bowness Escarpment		PE			Barbican Properties

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
10.4	Douglas Fir Slopes & Bowness Escarpment		UR/PE		Transfer land from Province	Province of Alberta
10.5	Douglas Fir Slopes & Bowness Escarpment		UR/PE			Woods Christian Home
10.6	Douglas Fir Slopes & Bowness Escarpment		PE			Parkside Holdings
10.7	Douglas Fir Slopes & Bowness Escarpment		UR/PE		Setback from top of escarpment	Parkside Holdings
10.8	Douglas Fir Slopes & Bowness Escarpment		UR/PE		Steep escarpment	329734 Alberta Ltd.
10.9	Douglas Fir Slopes*		Various - I2, DC, R1		Landscape management	
11.1	Bowness Park		UR/PE		Landscape management	Woods Christian Home
11.2	Bowness Park*		R1		Landscape management	Various owners on water channel and lagoon
12.1	Bowness Community*		R1		Landscape management	Various property owners on river's edge
12.2	Bowness Community*		DC		Landscape management	German Canadian Club
13.1	Bowmont Park	A - UPP funds	UR/PE			Bettina Fournier
13.2	Bowmont Park*		A		Landscape management on golf course	Silver Springs Golf Course
13.3	Bowmont Park	A - UPP funds	UR/PE			Al Klippert Ltd.
13.4	Bowmont Park		DC/PE		Steep escarpment	Maranatha Christian Reformed Church
13.5	Bowmont Park		PE		Transfer to Parks & Rec.	Road R.O.W.
14.1	Shouldice Park		DC	Trail easement along river	Setback at river	Intrawest Dev't. Corp.
14.2	Shouldice Park	A - City funds	DC/PE	Trail easement along river if land not purchased	Setback at river	Kathleen Picken
14.3	Shouldice Park	A - City funds	DC/PE	Trail easement along river if land not purchased	Setback at river	Willard Floen
14.4	Shouldice Park	A - City funds	DC/PE	Trail easement along river if land not purchased	Setback at river	Alan Covington/L. Higham
14.5	Shouldice Park	A - City funds	DC/PE	Trail easement along river if land not purchased	Setback at river	Brian Unger/s. Robinson

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
15.1	North Escarpment		PS		Landscape management in road R.O.W.	Province of Alberta
15.2	North Escarpment		PS/PE	Trail easement	Steep escarpment	Foothills Hospital
15.3	North Escarpment		PS		Landscape management in road R.O.W.	Road R.O.W./City
16.1	Point McKay/Memorial Dr. River Bank	A - City funds	R2/PE			Private owners at Trans Can./Bowness Rd. interchange
16.2	Point McKay/Memorial Dr. River Bank		UR/PE		Transfer to Parks & Rec.	Road R.O.W.
17.1	Paskapoo Slopes*		UR/PE, UR			SU YLN Investments
17.2	Paskapoo Slopes*		UR/PE, UR			Transalta
17.3	Paskapoo Slopes*		UR/PE, UR			ESA Holdings; Big Valley Holdings;
17.4	Paskapoo Slopes*		UR/PE, UR			Doris Griffiths Hogg Estate
17.5	Paskapoo Slopes*		UR/PE			333582 Alberta Ltd.
17.6	Paskapoo Slopes*		UR/PE			Province of Alberta, Stoney Trail R.O.W.
17.7	Paskapoo Slopes*		UR/PE			Carl Management Ltd.
17.8	Paskapoo Slopes*		UR/PE			Seventh-Day Adventist Church
17.9	Paskapoo Slopes*		UR/PE			Howard Gimbel
17.10	Paskapoo Slopes*		UR/PE		Landscape management	Canada Olympic Park
17.11	Paskapoo Slopes*		AG-B/PE			NA/Properties (Province of Alberta)
17.12	Paskapoo Slopes*		AG-B/R-1,DC,PE			United Inc.
17.13	Paskapoo Slopes*		R1/PE			Patterson Hills Dev't. Corp.
17.14	Paskapoo Slopes*		UR/PE			Various other private owners
17.15	Paskapoo Slopes*		Outside City Potential PE			Outside City: JF Burns Investments Ltd; and several other land owners
18.1	Edworthy Park			Trail easement		CPR - encroachments into R.O.W.

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
18.2	Edworthy Park	A - UPP funds	UR/PE			Bernard Boyko
18.3	Edworthy Park	A - UPP funds	UR/PE			Francis Chan
18.4	Edworthy Park	A - UPP funds	PE			Michael McGeogh
18.5	Edworthy Park	A - UPP funds	PE			Ladco Dev't.
18.6	Edworthy Park		UR/PE		Transfer to Parks & Rec.	Road R.O.W.
18.7	Edworthy Park	A - UPP funds	DC/PE			Ladco Dev't.
18.8	Edworthy Park	A - UPP funds	UR/PE			Stewart Hart
19.1	Douglas Fir Trail		PE			Myron Williams
19.2	Douglas Fir Trail		PE			Darryl Ronsky
19.3	Douglas Fir Trail			Trail easement		CPR - encroachments into R.O.W.
20.1	Shaganappi Slopes		A/PE		Steep escarpment, Transfer to City	Province of Alberta
20.2	Shaganappi Slopes		C2	Trail easement		GLV Investments
20.3	Shaganappi Slopes		A, C2	Trail easement		CPR - encroachments into R.O.W.
21	Lawrey Gardens		A/PE		Transfer to City	Province of Alberta
22	Bow River and Islands		A, UR/PE			(Crown) Unpatented islands.

5.2.6 BIBLIOGRAPHY

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Bow River Centre



5.3 BOW RIVER CENTRE

5.3.1 ACKNOWLEDGMENTS

Over the course of ten months, during which the Urban Park Master Plan for Bow River Centre was being prepared, a great many people contributed ideas, offered criticisms, and expressed support. The following plan is a direct expression of this assistance and support. Primary among these contributors have been:

CITY OF CALGARY PERSONNEL

Sara-Jane Gruetzner	Calgary Parks & Recreation
Dave Elphinstone	Calgary Parks & Recreation
Doug Peever	Planning and Building Department
Deb Day	Planning and Building Department
Mary Axworthy	Planning and Building Department

BOW RIVER CENTRE PLANNING ADVISORY COMMITTEE

Fred Roessell	Albert Park/Radisson Community Association
David Chan	Chinatown Community Association
George Trotter	Dover Community Association
Eunice Baum	East Village Area
Sid Horovitz	Eau Claire Community Association
Val Danielson	Eau Claire Community Association
Phyllis Patterson	Eau Claire Community Association (Alternate)
Denis Horobin	Eau Claire Community Association
June Crichton	Hillhurst Sunnyside Community Association
Jo Anne Pauling	Hillhurst Sunnyside Community Association (Alternate)
Shirley-Anne Reuben	Inglewood Community Association
Andrew Hickinbotham	Inglewood Community Association (Alternate)
Nancy Croteau	Millican-Ogden Community Association
Harry Rubak	Millican-Ogden Community Association (Alternate)
Helen Heacock	Rosedale Community Association
Barry Worbets	Rosedale Community Association (Alternate)
Brian Posehn	West End Area

CITIZEN OF CALGARY

Jack Long

CARSON-McCULLOCH ASSOCIATES LTD.

Garry Carson	Landscape Architect
Jan Day, Research	Technical Support, Graphics
Kirsten Arnold	Technical Support
Arlene Maxwell	Project Coordination/ Word Processing
Cheryl Mack	Technical Support

5.3.2 INTRODUCTION

The Bow River Centre segment of the Urban Park Master Plan, as the name suggests, extends along the Bow River through downtown Calgary from Crowchild Trail in the west to the Inglewood Bird Sanctuary in the east. It also includes the Western Headworks Main Canal right-of-way which flows eastward from the Headworks on the Bow River to the City of Calgary limits at 84 Street East. Bow River Centre differs from the other four segments with which it connects in a number of respects. It contains the least undisturbed natural landscape; it is the most fragmented by major transportation corridors; it is the least accessible to neighboring communities; its pathways carry the heaviest concentrations of pedestrians and cyclists; its open spaces are in demand by the greatest number of user groups; and it is highly visible to the widest range of local residents, regional commuters, and visitors to the city.

Because of these special considerations, the Vision Statement principles which have been most relevant in Bow River Centre include those related to improving accessibility, accommodating intensive levels of use, reflecting the character of neighboring communities, ensuring compatibility of neighboring land uses, naturalizing landscapes, and cleaning up river water.

In response to these special issues and opportunities in downtown Calgary, and in recognition of the philosophical direction established in the vision statement, the Bow River Centre Planning Advisory Committee is proposing an Urban Park Master Plan for Bow River Centre which has evolved through application of the following planning strategies:

1. Where possible, it is proposed that narrow portions of the river park system be widened.
2. Regional pathway corridors should be upgraded to safely carry heavier volumes of traffic.
3. Alternative regional pathway routes should be developed which will take pressure off existing congested areas.
4. Upgraded pedestrian connections should be developed linking the river valley park system with neighboring communities.
5. More frequent river crossings for pedestrians and bicycles should be constructed, especially on existing traffic and railroad bridges.
6. Continuous naturalized landscapes should be developed along the river, to allow wildlife movement and for visual continuity.

Between Crowchild Trail and Tenth Street on the south bank of the Bow River, it is proposed that both the image and accessibility of the parkway should be improved. This will be accomplished by removal of existing incompatible uses, installing a pedestrian bridge at Crowchild trail, upgrading both regional and local pathway connections, and naturalizing many of the existing disturbed and manicured landscapes.

The escarpment pathway along the north edge of the Bow River Valley is intended to take pressure off the heavily used riverside pathway, and to provide a new visual experience for regional pathway users. This upgraded pathway will link existing fragments of natural hillside by the installation of new pedestrian bridges over major roadways and by the upgrading of existing city streets into regional bikeways.

In downtown Calgary, between Tenth Street and Centre Street, south of the Bow River, the primary objectives of the proposed plan are to eliminate conflicts between the variety of park users; to improve safety and legibility on already crowded pathways; to develop appropriate transitions from the river park system to the city core, and to provide facilities which can sustain heavy use without destroying the natural quality of the river's edges. To accomplish this, an alternative commuter bike and pedestrian route is proposed on Second Avenue south of Eau Claire, and upgraded linkages to Stephen Avenue are proposed via the new Armories Park and through East Village. A park-like promenade will carry slower east-west bike and pedestrian traffic along the Prince's Island lagoon, and Third Street, west of the Festival Market, will be simplified to make a more appropriate transition into the city. It is proposed that the area directly north of the new Festival Market be maintained as public open space to help absorb heavy concentrations of traffic and to reduce pressure on Prince's Island Park.

For portions of the Bow River Centre segment east of the Downtown, the primary objectives are to improve community linkages, streamline regional bike traffic, and enhance naturalized landscapes. New bridge crossings for pedestrians and bicycles at Centre Street, St. Patrick's Island, the Zoo, the Inglewood railroad bridge, and 17th Avenue vehicle bridge will improve access from north-east Calgary to the south bank of the Bow River. An upgraded Regional Trail connection through Inglewood will streamline regional traffic travelling west into the downtown and south along the Bow River. It will, as well, reduce pressures on valuable wildlife areas north of the Inglewood Bird Sanctuary.

It is felt by the Bow River Centre Planning Advisory Committee that one of the most important recommendations in the Bow River Centre plan involves development of a new regional pathway connection between the future Valleyview Regional Park, in the Community of Dover, and the west bank of the Bow River. This will provide a badly needed linkage to thousands of residents of East Calgary who live tantalizingly close to the Bow River Park system but who are unable to conveniently reach it by bike or on foot.

5.3.3 FUNDING STRATEGY BOW RIVER CENTRE

Many of the proposed improvements recommended by the Bow Centre Public Advisory Committee should be considered as long term objectives in the Bow Centre segment of the Urban Park Master Plan. A preliminary estimate of capital costs for all recommended improvements totals \$22,290,000 as illustrated on Fig. VII.

Because only \$2.5 million will be made available to Bow Centre under Urban Park Program funding, the Bow Centre Planning Advisory Committee have prioritized work in the twenty-five planning units so that funds can be committed to the most needed areas. The criteria which were used to establish funding priorities included:

1. Allocating funds to projects which do not depend upon land purchase or lengthy negotiations and which can be completed prior to Urban Park Program funding deadlines.
2. Initiating projects which, because of their visibility and attractiveness, will be most likely to attract funding from outside sources.
3. Developing facilities in heavily used areas where current needs are the greatest.
4. Sponsoring projects which will benefit the greatest number of Calgarians.
5. Sponsoring projects which will most significantly enhance the attractiveness of downtown Calgary.

Based upon the above criteria, each of the twenty-five planning units were given an "A," "B" or "C" priority designation. "A" designations identify important projects which should be considered for Urban Parks funding, "B"s should be undertaken as soon as additional funding is available, and "C" designations should be undertaken in the future on an opportunity basis.

The total value of work in the seven planning units receiving an "A" designation is estimated at \$13,440,000. As sufficient funds are not available through the Urban Parks program to execute all of these projects, a further prioritization was undertaken and Planning Units 26 (Prince's Island), 27 (Eau Claire Promenade), and 37 (Sunnyside Riverbank) were given an "A-1" designation and identified for immediate implementation. It was concluded that the entire \$2.5 million allocated to Bow Centre should be directed to these planning units.

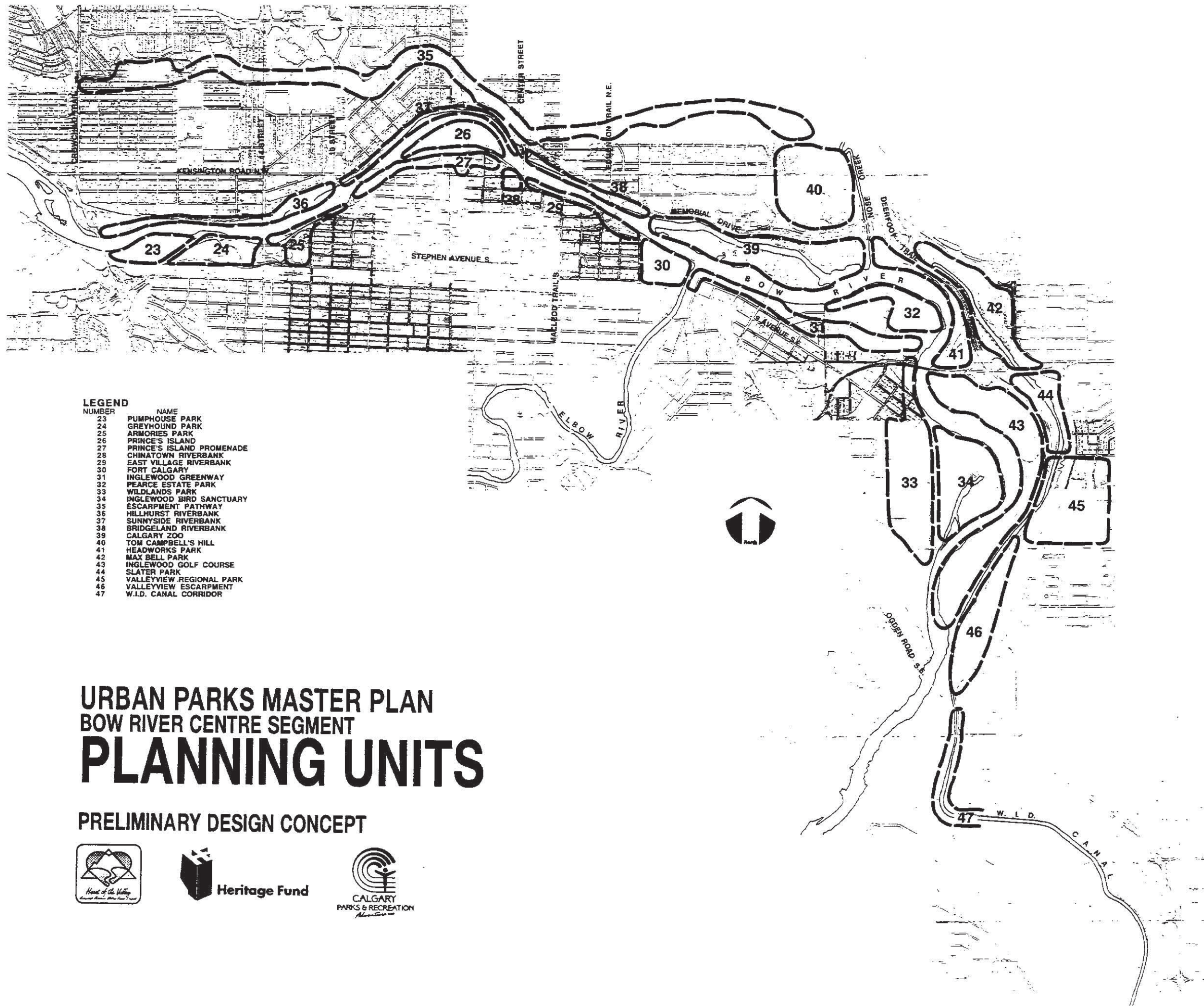
Because Prince's Island Park, Eau Claire Promenade, and Sunnyside Riverbank are under continually increasing pressures, are used by all Calgarians, and are highly visible to local residents and most visitors to the City, they are identified for immediate funding. As well, because of the high profile of facilities in these areas, it was felt that the opportunities to use Urban Park Plan funds as a catalyst to generate support from outside sources would be the greatest.

Planning Units 25 (Armories Park) and 46 (Valley View Escarpment) were given an "A-2" designation, indicating that they were projects which should be funded if, for any reason, the "A-1" designations could not proceed. Planning Units 23 (Pumphouse Park) and 38 (Bridgeland Riverbank) were designated "A-3" and should proceed with any additional funds which might be forthcoming.

MAP V - BOW RIVER CENTRE PLANNING UNITS

Planning Units Map

The Urban Park Master Plan planning units evolved from the original study area as a means of organizing and locating information. They describe areas with similar themes, geography, landscape type and/ or planning recommendation. Planning unit boundaries are not necessarily the proposed Urban Park boundary and may include land that is not recommended for inclusion in the Urban Park Master Plan.



URBAN PARKS MASTER PLAN BOW RIVER CENTRE SEGMENT PLANNING UNITS

PRELIMINARY DESIGN CONCEPT



5.3.4 PLANNING UNITS DESCRIPTION

The main features of the proposed Urban Park Master Plan for Bow River Centre are more specifically described on the basis of the following 25 planning units.

PLANNING UNIT 23 PUMPHOUSE PARK

Pumphouse Park, which is currently the site of Pumphouse Theatre and remnants of Calgary's first water system, will be a 12.6 hectare naturalized open space providing opportunities for picnicking, historic interpretation, and informal play. A new pedestrian bridge at Crowchild Trail, upgraded linkages into residential communities to the south, and a future LRT Station west of the Greyhound bus depot will improve the site's accessibility both as a destination park and as a regional commuter bicycle route. Improved accessibility will, as well, increase the viability of the site for upgraded performance facilities and possibly a heliport, relocated from Eau Claire.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map VIII - Land Ownership.

Proposed improvements include:

- Install new pedestrian bridge at Crowchild Trail.
- Remove car dealership and reconstruct snow dump site to serve as summer parking lot.
- Upgrade road access and parking.
- Install informal play and picnic area.
- Upgrade interpretive site.
- Naturalize existing manicured landscapes and disturbed areas.

PLANNING UNIT 24 GREYHOUND PARK

Greyhound Park will function as a transportation node, providing an attractive park-like setting, for pedestrians using the existing Greyhound Bus Depot and a future LRT station. It will also represent a transition zone for pedestrians and cyclists travelling between residential communities to the south, the Urban Park System, and downtown Calgary. From a park planning standpoint, the primary concern will be for provision of safe, convenient, legible walkways and compatibly manicured landscapes. The image of Greyhound Park from vehicles on the Bow Trail should be as an extension of the river valley park system.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map V III - Land Ownership.

Proposed improvements include:

- Remove existing car dealership and auction building.
- Realign Bow Trail to widen riverbank park.
- Install pedestrian overpass to Bow River pathway.
- Improve pedestrian walkway on south side of 9th Avenue.
- Install pedestrian crossing at grade over CPR tracks to the south.
- Rehabilitate entire site with manicured landscape.

PLANNING UNIT 25

ARMORIES PARK

Armories Park, which is currently the site of Mewata Stadium, the Planetarium, and the historic Armories building, is viewed in the Urban Park Master Plan as an important anchor and transition point for pedestrian movement in and out of Downtown Calgary. Located at the west end of Stephen Avenue Mall (Eighth Avenue), it is balanced in the east by Fort Calgary. When fully developed, this formal park will provide badly needed open space to residents of the West End and a direct connection for pedestrians and cyclists between downtown Calgary, the Greyhound Bus Depot, and the Bow River Pathway. Interpretive displays within the park could be based upon planetarium science exhibits and/or the historic Armories.

Proposed improvements include:

- Remove existing playing fields, fences and bleachers.
- Provide direct pedestrian access to river pathway.
- Provide direct pedestrian access to Stephen Avenue Mall.
- Provide direct pedestrian access to Greyhound Bus Depot.
- Construct formal manicured park around Armories building.
- Improve pedestrian access to south side of 9th Avenue.
- Install interpretive signage and displays.

PLANNING UNIT 26

PRINCE'S ISLAND PARK

Prince's Island Park is recognized by all Bow River Centre Planning Advisory Committee members as the premier Urban Park in the City of Calgary. It functions as a refuge for local residents and a regional centre where Calgarians from all over the City gather to enjoy music and civic celebrations. Proposed improvements to Prince's Island are aimed at protecting the existing landscape from over use and providing improved accommodation of current activities. Water quality in the lagoon will be improved, the east end will be maintained in a natural condition, servicing will be added for special events, access to the island will be improved, storage of maintenance materials will be eliminated, and mature vegetation will be supplemented with underplanting.

Proposed improvements include:

- Construct pedestrian bridges over west weir and at 2nd Street.
- Remove existing weir and dredge lagoon, to improve water quality and flow.
- Construct adjustable weir at east end of lagoon.
- Install storm water bypass to Bow River.
- Isolate and preserve east end natural area.
- Upgrade servicing to a new performance area.
- Upgrade island pathways.
- Supplement mature poplar with underplantings.

PLANNING UNIT 27

EAU CLAIRE PROMENADE

The Urban Park corridor, south of Prince's Island and through Eau Claire, will provide a safer, more convenient, and more attractive transition between the naturalized river park system and the heart of the city. By removing some of the regional and commuter traffic from the lagoon edge and by providing more generous and flexible public open spaces, the wide variety of residents and visitors who use this area will be better accommodated. Overall, the image of this area should reflect its role as the front door to Calgary's River Valley Park System.

Proposed improvements include:

- Construct regional bikeway bypass on Second Avenue.
- Ensure uniformly set-back promenade between Eau Claire residential development and lagoon.
- Construct pedestrian-only walkway along the water on the south edge of lagoon.
- Construct new plaza between Barclay Mall and existing Prince's Island Bridge.
- Develop public open space north of the new festival market.
- Develop pedestrian connections to the south at 4th, 5th, 6th and 7th Streets.
- Remove heliport and reclaim site.

PLANNING UNIT 28

CHINATOWN

In keeping with the vision statement principle that the Urban Park System should reflect the character of neighboring communities, Chinatown presents an excellent opportunity to add colour, vitality and variety to the urban park experience. The plans for a formal Chinese garden and upgrading of Sien Lok Park are endorsed by the Bow Centre Planning Advisory Committee. The regional pathway through this area should be kept on the south side of Riverfront Avenue, under the Centre Street Bridge, and a new pedestrian connection should be constructed under the Centre Street Bridge to the north bank of the Bow River. It is further proposed that the landscaped area between Centre Street and Macleod Trail be developed as a sculpture park.

Proposed improvements include:

- Construct a formal Chinese garden.
- Upgrade existing Sien Lok Park.
- Improve regional pathway under Centre Street Bridge.
- Install pedestrian connection on lower deck of Centre Street Bridge.
- Develop sculpture park along river east of Centre Street.

PLANNING UNIT 29

EAST VILLAGE RIVERBANK

In anticipation of the redevelopment of East Village into a medium density inner-city residential community, it is proposed that the riverbank path from Fort Calgary west to Centre Street be upgraded to carry heavier volumes of both commuter and recreational traffic. Separate bicycle and pedestrian pathways should be provided and more seating and rest areas should be installed. The existing Simmons Building should be renovated for a compatible park and community use. Overall, this area should project a more urban image, reflecting the transition from suburban Calgary into the downtown.

Proposed improvements include:

- Construct separate bike and pedestrian pathways.
- Provide generous parkway linkage into future East Village development.
- Renovate Simmons Building for use in accordance with the Area Redevelopment Plan (ARP).
- Install additional seating areas.
- Upgrade manicured landscape.

PLANNING UNIT 30 FORT CALGARY

Fort Calgary is the single most important heritage site within the City of Calgary. Located at the confluence of the Elbow and Bow Rivers, it is the site at which Calgary had its beginning. The recently prepared master plan sponsored by the Fort Calgary Society for upgrading circulation, interpretive displays and landscape restoration is currently being implemented and has been endorsed by the Bow River Centre Planning Advisory Committee. As part of the Urban Park Master Plan, it is proposed that the regional pathway not follow the Bow River around Fort Calgary, but cross the existing pedestrian bridge to St. Patrick's Island to the north, and swing south and east along the north side of 9th Avenue. A new pedestrian bridge is proposed across the Elbow River adjacent to the existing traffic bridge.

Proposed improvements include:

- Re-establishment of the natural landscape of the overall site
- Re-creation of the Goose Island historical habitat and archaeology demonstration
- Demonstration of the historical construction of the Fort
- Renewal of the museum
- Construction of alternate regional pathways along the south and west perimeters of the park
- *Improvement of secondary trails*

PLANNING UNIT 31 INGLEWOOD GREENWAY

Because of private residences adjacent to the Bow River in Inglewood, most of the existing regional pathway in this planning unit is located away from the river through the heart of the community. This situation provides the opportunity for park users to experience and better understand the community of Inglewood. It is proposed that an extension to the existing regional pathway follow an abandoned rail right-of-way from 15th Street to the riverbank north of the 17th Avenue bridge. A north-south regional trail linkage is also proposed through Planning Unit 32, along the existing CPR line and over the Bow River to connect with the Nose Creek Regional Pathway. Better local pathway connections should also be developed on 10th, 11th and 12th Streets, linking commercial areas in Inglewood with the river pathway. The Inglewood Greenway will be linked with the regional pathway travelling south to Planning Unit No.33.

Proposed improvements include:

- Construct new pedestrian bridge adjacent to existing Zoo Bridge.
- Extend existing regional pathway along abandoned rail right-of-way.
- Construct a north-south regional pathway linkage along existing CPR tracks.
- Naturalize landscape along pathway corridor.
- Upgrade street improvement connections south on 10th, 11th and 12th streets.

PLANNING UNIT 32 PEARCE ESTATE PARK

This planning unit extends along the Bow River east of 15th Street, past the new Ken Rosa Subdivision, the Sam Livingston Fish Hatchery, and the weir. Because of its importance as a staging area for wildlife, the pathway system through Pearce Estate Park will function as a secondary trail connection, and not a regional route. While it will provide the same level of access as currently exists, allowing for fishing at the weir and picnicking in Pearce Estate, fast-moving regional bicycle traffic will be encouraged to use the Inglewood bypass. The landscape of Pearce Estate will be almost exclusively naturalized with small areas of manicured landscape around picnicking and day use facilities.

Proposed improvements include:

- Install new pedestrian bridge on existing CPR bridge.
- Develop a regional pathway between the CPR bridge and new Inglewood By-Pass.
- Naturalize river bank and Pearce Estate landscapes.
- Consolidate picnicking sites in Pearce Estate.
- Downgrade secondary trail along river.

PLANNING UNIT 33 WILDLANDS PARK

Wildlands Park, formerly used as an oil refinery site by Petro Canada, is currently being reclaimed and redeveloped into a naturalized landscape consisting of meadows, groves of aspen, a cultivated field, and a slough. The 34 hectare site, located adjacent to the Inglewood Bird Sanctuary and along the regional pathway, will provide nesting areas for birds and passive walking and interpretive opportunities for all Calgarians. The Bow River Centre PAC endorses the master plan for this park which is currently being implemented. An upgraded regional pathway linkage is also proposed travelling south from Planning Unit 31, between Wildlands Park and the Inglewood Bird Sanctuary. This regional pathway will connect with the Bow River Pathway in Bow South.

Proposed Improvements include:

- Naturalize existing disturbed landscapes.
- Construct regional pathway linkage between Wildlands Park and the Inglewood Bird Sanctuary.

PLANNING UNIT 34 INGLEWOOD BIRD SANCTUARY

The Inglewood Bird Sanctuary, consisting of 33 hectares of riverine habitat on the west bank of the Bow River, is one of the most important wildlife refuge in the City of Calgary. It is also the site of the Colonel Walker Home, a provincially designated historic resource. First designated as a Migratory Bird Sanctuary in 1929, it was acquired by the City of Calgary in 1970, and is currently scheduled for modest site improvement aimed at enhancing its suitability as a wildlife refuge and its function as a regional interpretive area for all Calgarians. The PAC for Bow River Centre endorses the recently prepared Master Plan for the Inglewood Bird Sanctuary.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map VIII - Land Ownership.

Proposed improvements include:

- Upgrade regional pathway between bird sanctuary and Wildlands Park.
- Upgrade pedestrian-only pathways within the sanctuary.
- Naturalize landscapes throughout sanctuary.

PLANNING UNIT 35 ESCARPMENT PATHWAY

The proposed escarpment pathway is a 7 km long corridor along the crest of the Bow River Valley extending from Crowchild Trail in the west to Tom Campbell's Hill in the east. It will be created by linking remaining fragments of natural hillside with upgraded walkways on residential streets. One of these escarpment areas is the McHugh Bluff natural area which has been approved for naturalization by City Council. Escarpment pathway segments will be connected by six new pedestrian bridges over Crowchild Trail, 14th Street, 10th Street, Centre Street, and 10th Street East. Currently, portions of this very scenic pathway are used by local residents. When connected, this continuous escarpment pathway will provide an east/west regional pathway alternative to the congested riverbank pathway along Memorial Drive. It will also provide a totally different visual experience of the Bow River Valley from the one now enjoyed along the river's edge.

Proposed improvements include:

- Install six new pedestrian bridges over major streets.
- Upgrade existing escarpment pathways.
- Upgrade residential street connections.
- Naturalize remaining escarpment landscapes.
- Install site furnishings and signage at special viewpoints.

PLANNING UNIT 36 HILLHURST RIVERBANK

The existing pathway and areas of open space on the north bank of the Bow River between Crowchild Trail and Tenth Street currently functions as the primary regional pedestrian and bicycle corridor linking northwest Calgary with the downtown. It is very narrow and unsafe in places, causing congestion during peak use periods. It is also separated from the residential areas of Hillhurst by fast-moving traffic on Memorial Drive. The most effective solution to these problems will be the development of alternative regional pathway routes on the south bank of the Bow River and along the north escarpment of the Bow River Valley. In addition, a safer pedestrian linkage to Hillhurst is proposed at 19th Street, where a grade separation structure should be installed connecting the abandoned fire hall site with the river pathway. Naturalizing some of the manicured areas through this planning unit is also proposed. The No.6 Fire hall will be renovated for public use related to the river valley park system. Compatible uses including a food service, information/interpretation centre and administrative functions are proposed.

Proposed improvements include:

- Upgrade riverside pathway.
- Install pedestrian bridge at 19th Street.
- Naturalize some existing manicured areas.
- Enhance natural vegetation along river's edge.

PLANNING UNIT 37 SUNNYSIDE RIVERBANK

Extending from Tenth Street to Centre Street along the north bank of the Bow River, the Sunnyside Riverbank, like that in Hillhurst, carries very heavy pedestrian and bicycle traffic during peak hours, and is similarly separated by Memorial Drive from residential areas to the north. To alleviate congestion, alternative regional pathways are planned south of Prince's Island and on the McHugh Bluff escarpment. It is also proposed that 2nd Avenue through Sunnyside be upgraded as an alternate pedestrian and cycle corridor, directing local users to the Prince's Island pedestrian bridge and the stairway connection to Crescent Heights. Installation of a new stairway on McHugh Bluff was completed in the fall of 1993, and it is proposed that an upgraded regional pathway connection be installed between McHugh Bluff and the existing Prince's Island bridge. Vehicle access to the Prince's Island parking lot from Memorial Drive should be reconstructed and the access road north of the curling club should be closed. Minor upgrading of the riverside pedestrian pathway, including scenic viewpoints, is also proposed.

Proposed improvements include:

- Upgrade existing riverside pedestrian walkway.
- Reorganize Prince's Island parking lot north of Memorial Drive.
- Upgrade pedestrian connection from McHugh Bluff to Prince's Island bridge.
- Install site furnishings and viewpoints.
- Enhance river edge vegetation.
- Naturalize some existing manicured areas.

PLANNING UNIT 38 BRIDGELAND RIVERBANK

As with Planning Units 36 and 37, the Bridgeland Riverbank will benefit from development of alternative east-west regional pathways on the south bank of the Bow River and along the escarpment to the north. The only additional development proposals for this planning unit involve simplification of existing manicured landscapes and enhancement of the natural riverbank.

Proposed improvements include:

- Upgrade existing regional pathway.
- Simplify and improve manicured landscapes.
- Enhance natural vegetation on riverbank.

PLANNING UNIT 39 CALGARY ZOO

The Calgary Zoo represents one of the most popular regional attractions and character areas in Calgary's river park system. The powerful images of dinosaurs, wild animals and exciting landscapes located on the east end of St. Patrick's Island and the north bank of the Bow River influence not only visitors to the zoo, but regional pathway users and passing motorists as well. Development proposals for this planning unit are aimed at strengthening connections between the zoo, the urban park system, and adjacent communities. Upgraded day use facilities and a possible performance area are proposed for the west end of the Island, pedestrian and cycling connections should be improved throughout the area, and existing barriers around the Zoo should be opened up as much as possible.

Proposed improvements include:

- Construct pedestrian bridge from LRT station to St. Patrick's Island.
- Construct regional pathway linkage between Bridgeland and Fort Calgary.
- Upgrade Centennial Park as a regional day-use area.
- Upgrade pedestrian and bike pathways throughout the island.
- Install pedestrian bridge adjacent to 17th Street traffic bridge.
- Reorganize security fencing around zoo.
- Construct pedestrian pathway around east end of zoo.

PLANNING UNIT 40

TOM CAMPBELL'S HILL

Tom Campbell's Hill, located across Memorial Drive from the Calgary Zoo, provides downtown Calgary with a powerful visual reminder of the natural grassland hillsides which once surrounded the City. For this reason, it is currently being restored and managed as a native grassland park. Within the Urban Park Master Plan, it also represents an important regional pathway linkage between the escarpment pathway in Bridgeland, the riverbank path system and the Calgary Zoo.

Proposed improvements include:

- Install regional pathway connection to the Zoo and Fort Calgary.
- Install regional pathway connection to Nose Creek.
- Install regional pathway connection to Bridgeland Escarpment.
- Install viewpoint and interpretive signage
- Naturalize landscape.

PLANNING UNIT 41

HEADWORKS PARK

Planning Unit 41 extends from Nose Creek to the 17th Avenue traffic bridge, on the east side of the Bow River. Existing trail connections in this area connect the Nose Creek pathway with the Bow River pathway and with the newly constructed regional bikeway along the Western Headworks Main Canal. The primary point of interest within this planning unit is the north end of the weir and the historic headworks site where water is diverted from the Bow River into the Western Headworks Main Canal. Remaining structures at this site date back to 1904 when the CPR railroad attracted homesteaders with promises of irrigated farmland east of Calgary. Proposed improvements include a regional trail connection from Nose Creek to the south bank of the Bow River via the CPR railroad bridge, and an interpretive site and day use area at the historic W.I.D. Headworks. Trail improvements and landscape restoration are also proposed along Deerfoot Trail north of 17 Avenue.

Proposed improvements include:

- Install pedestrian bridge on existing CPR bridge.
- Upgrade pedestrian walkway on 17th Avenue bridge.
- Stabilize remaining headworks structures.
- Install interpretive displays and signage.
- Develop a day use picnic area adjacent to the headworks.
- Naturalize disturbed landscapes, throughout the planning unit.

PLANNING UNIT 42

MAX BELL PARK

Max Bell Park represents the first leg of a 26 km regional pathway corridor extending along the Western Headworks Main Canal from the Bow River to Chestermere Lake. Because of its location directly adjacent to Deerfoot Trail, it is also one of the most visible escarpment slopes in the City. The existing pathway, together with a small picnic area below Max Bell Arena, is scheduled for reconstruction by Alberta Environment in the spring of 1994 in conjunction with stabilization of slopes along the east bank of the canal. It is proposed that the regional pathway be upgraded, seating and picnic tables be installed, pathway connections to Max Bell Arena be improved, and the landscape be naturalized.

Proposed improvements include:

- Regrade the hillside below Max Bell Arena.
- Install new regional pathway.
- Install benches and picnic tables.
- Naturalize disturbed landscapes.

PLANNING UNIT 43 INGLEWOOD GOLF COURSE

Inglewood Golf Course, extending along the east bank of the Bow River south of 17th Avenue and directly opposite the Inglewood Bird Sanctuary, occupies one of the most scenic and undisturbed reaches of the Bow River within the City of Calgary. Its riverbanks are also considered important habitat and nesting areas for local birdlife, containing one of the largest colonies of bank swallows, in Alberta. To protect the integrity of the area both aesthetically and for wildlife, it is proposed that the natural character of the riverbank be protected and enhanced. As well, to provide a badly needed pedestrian and cycle connection between residents of East Calgary and the Bow River, it is proposed that a regional trail connection be constructed between the future Valleyview Regional Park and the west bank of the Bow River. To facilitate this linkage, a grade separation structure will be required across the golf course west of the present access road and approximately 800 m of regional trail will be required on the east bank of the Bow River connecting to a new pedestrian bridge, south of the Inglewood Bird Sanctuary.

Proposed improvements include:

- Install pedestrian crossings on existing golf course and Deerfoot Trail bridges.
- Construct pedestrian overpass on golf course.
- Install pedestrian bridge over Bow River south of Inglewood Bird Sanctuary.
- Enhance natural riverbank vegetation.
- Naturalize fringe areas of the golf course.

PLANNING UNIT 44 SLATER PARK

Slater Park, located on the east bank of the Western Headworks Main Canal, south of 17 Avenue, was upgraded in 1990 and 1991 in conjunction with Alberta Environment's program of canal improvements. An improved access road and parking lot was constructed, boating facilities were added to the Bow Waters Canoe Club, and the area was attractively landscaped. In recognition of the importance of this park in the regional pathway network, it is proposed that a new pedestrian bridge be installed from Slater Park to the west bank of the canal, and an upgraded regional pathway connection be extended along the top of the escarpment to the future Valleyview Regional Park.

Proposed improvements include:

- Extend existing regional pathway along top of escarpment.
- Install new pedestrian bridge to west bank of canal.

PLANNING UNIT 45 VALLEYVIEW REGIONAL PARK

A combination of active recreation facilities and passive park areas are currently being planned by local residents and the Calgary Parks & Recreation Department for this regional park site. The Planning Advisory Committee for Bow Centre has endorsed these plans. Valleyview Regional Park will be located above the Western Headworks Main Canal and directly east of the Bow River and Inglewood Bird Sanctuary. To better link these future facilities with their surrounding communities and with the river valley parks system, it is proposed that regional pathway connections be extended into Slater Park to the north, the W.I.D. pathway to the south, and across the Deerfoot Trail, Inglewood Golf Course and Bow River to the west.

Proposed improvements include:

- Construct playing fields and passive park area.
- Install regional pathway connections north, south, and west.
- Develop manicured landscapes within the park.
- Naturalize the escarpment and fringe areas of the park.

PLANNING UNIT 46 VALLEY VIEW ESCARPMENT

Valley View Escarpment is a relatively inaccessible length of escarpment extending along the east side of the Western Headworks Main Canal right-of-way, between the Inglewood Golf Course bridge in the north and Ogden Road in the south. It is proposed that this planning unit be developed into a regional trail linkage between Valleyview Regional Park, the Western Irrigation District Canal pathway, and the Bow River South park system. It is further proposed that landscapes be naturalized and viewpoints and rest areas be installed to take advantage of scenic views of the Bow River valley, downtown Calgary and the Rocky Mountains to the west.

Proposed improvements include:

- Install a regional pathway along escarpment.
- Install benches and viewpoints.
- Naturalize disturbed areas.

PLANNING UNIT 47 WESTERN HEADWORKS MAIN CANAL CORRIDOR

By November 1993, Alberta Environment had nearly completed a five-year program of canal improvements extending for 26 km from the canal headworks on the Bow River through the M.D. of Rocky View to Chestermere Lake, east of the City of Calgary. One component of this canal upgrading program has involved the construction of a 3 m wide asphalt trail together with site furnishings, interpretive signage and naturalized landscaping. The Bow River Centre Planning Advisory Committee supports the newly developed open space corridor as being a valuable addition to Calgary's River Valley Park System. The only additional improvements proposed for this new pathway corridor include access points at major road intersections and pathway linkages into adjacent communities.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map VIII - Land Ownership.

Proposed improvements include:

- Construct small parking lots at Ogden Road, Glenmore Trail, Barlow Trail, 52nd Street, 68th Street and 84th Street.
- Develop pathway connections through Ogden to Bow River South.

5.3.5

BOW RIVER CENTRE PLANNING UNITS DEVELOPMENT PRIORITIES MATRIX

FIGURE VII

POTENTIAL URBAN PARKS PROGRAM FUNDING



- A-1 High Priority for Implementation by UPP Funds
- A-2 Medium Priority for Implementation by UPP Funds
- A-3 Low Priority for Implementation by UPP Funds
- B Priority (Other Funding Sources)
- C Long-Range Priority

Prior to the implementation of all projects, detailed design studies will be completed with opportunities for the public, community associations and special interest groups to review and provide input into the proposed design.

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
23	Pumphouse Park	Naturalized	Regional pathway corridor and passive park area	\$900,000	\$900,000	City - \$500,000 Parks - 400,000	A-3
24	Greyhound Park	Manicured	Transportation node	\$250,000		Parks - Landscape Only	C
25	Armories Park	Manicured	Formal historic/science park	\$1,000,000	\$1,000,000	Parks/Private Sources	A-2
26	Prince's Island Park	Manicured/ Naturalized	High use regional park	\$9,000,000	1,500,000	Parks/Private - \$7,500,000	A-1
27	Eau Claire Promenade	Manicured	Urban open space and regional pathway corridor	\$1,800,000	\$900,000	City (2nd Avenue)	A-1
28	Chinatown Riverbank	Manicured	Character area and regional pathway corridor	\$450,000		Eng. Dept.-\$250,000 (bridge)	B
29	East Village	Manicured	Regional pathway corridor	\$150,000		Parks	B
30	Fort Calgary	Naturalized/ Manicured	Historic site/regional pathway corridor	\$250,000		Private donations	B

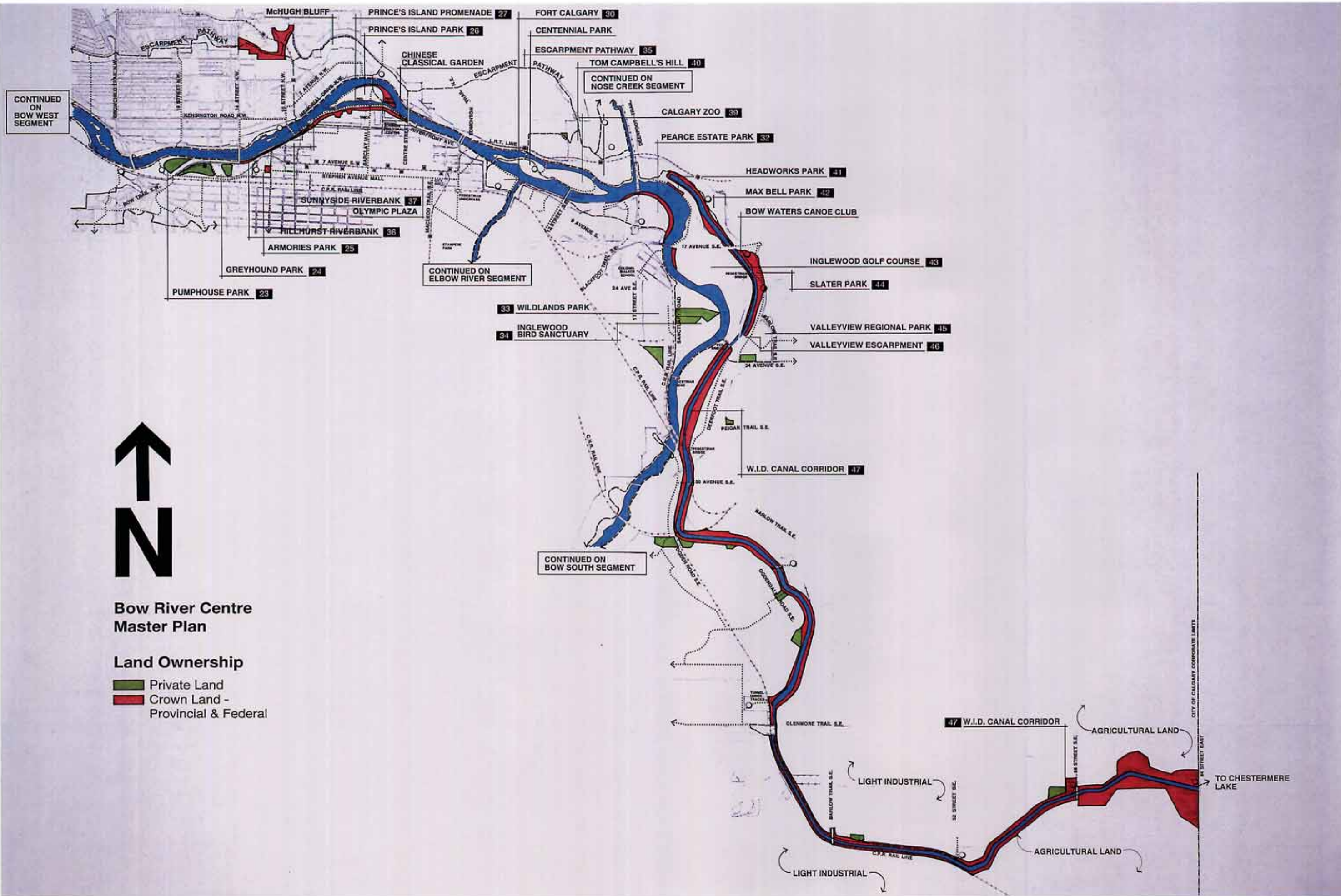
UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
31	Inglewood Greenway	Manicured/ Natural	Regional pathway corridor	\$250,000		Parks	B
32	Pearce Estates Park	Naturalized	Local day use and wildlife refuge	\$150,000		Parks	B
33	Wildlands Park	Naturalized	Rehabilitated PetroCanada site	\$300,000		Private funding	C
34	Inglewood Bird Sanctuary	Preservation	Wildlife refuge and interpretive area	\$200,000		Parks	C
35	Escarpment Path	Naturalized/ Manicured	Regional pathway corridor	\$1.8 million		City (6 bridges & sidewalks, etc.)	B
36	Hillhurst Riverbank	Manicured/ Naturalized	Regional pathway corridor	\$250,000		City (pedestrian overpass)	B
37	Sunnyside Riverbank	Manicured/ Naturalized	Regional pathway corridor	\$500,000	\$150,000	City-\$350,000 (parking lot)	A-1
38	Bridgeland Riverbank	Manicured/ Naturalized	Regional pathway corridor	\$90,000	\$90,000	Parks	A-3
39	Calgary Zoo	Manicured/ Naturalized	Zoo and day use area	\$900,000		Parks & City(pedestrian bridge)	B
40	Tom Campbell's Hill	Naturalized	Regional pathway corridor/day use area	\$150,000		Private donations	C
41	Headworks Park	Naturalized	Regional pathway corridor	\$400,000		Parks/ Alberta Environment \$300,000 (interpretive site)	C
42	Max Bell Park	Naturalized	Regional pathway corridor	\$250,000		Alberta Environment (site rehabilitation)	C
43	Inglewood Golf Course	Manicured/ Naturalized	Golf course and regional pathway corridor	\$1.5 million		City (bridges)	B
44	Slater Park	Naturalized/ Manicured	Day use area/boat club/ regional pathway corridor	\$250,000		Parks	C
45	Valleyview Park	Manicured/ Naturalized	Regional athletic park and day use area	\$1.0 million		Parks	B

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
46	Valleyview Escarpment	Naturalized	Regional pathway corridor	\$150,000	\$150,000	Parks	A-2
47	Western Irrigation District Canal	Naturalized	Regional pathway corridor	\$350,000		City (parking lots)	C

TOTAL BOW RIVER CENTRE **\$22,290,000**
POTENTIAL UPP EXPENDITURE BOW CENTRE **\$2,550,000**

n.b. Capital costs do not include land acquisition





5.3.6

BOW RIVER CENTRE PLANNING UNITS LAND ACQUISITION MATRIX

FIGURE VIII

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
23	Pumphouse Park	City	DC/PE			Nova/City/Unpatented Accreted Land
24	Greyhound Park	City	DC/PE C3/PE DC/PE DC/PE	Re-align Bow Trail		City; General Supply Co. Ltd.; Bervoe Ltd.; Blade Steel & Salvage
25	Armories Park		PS/PE		Negotiations between City Parks & Alta. Government	Alta. Government/City
26	Prince's Island					City/Crown
27	Prince's Island Promenade		DC/PE			City/Crown
28	Chinatown Riverbank					Alberta Government & City
29	East Village Riverbank		A/PE			City
30	Fort Calgary					City
31	Inglewood Greenway		DC/PE			City
32	Pearce Estate Parks		?/PE			Alberta Government/City
33	Wildlands Park		I-2/PE I-3/PE		Share development and maintenance costs	CP Ltd.; PetroCanada/City PDS Rail Car
34	Inglewood Bird Sanctuary	City	DC/PE I-2/PE			City PetroCanada; Brinks Brothers/ Steeles Transfer
35	Escarpment Pathway		PS/PE		Share development and maintenance costs: City Departments	W. Roman/ M. Appleby City & Province B. Boreczky
36	Hillhurst Riverbank		R2/PE A/PE			City
37	Sunnyside Riverbank					City

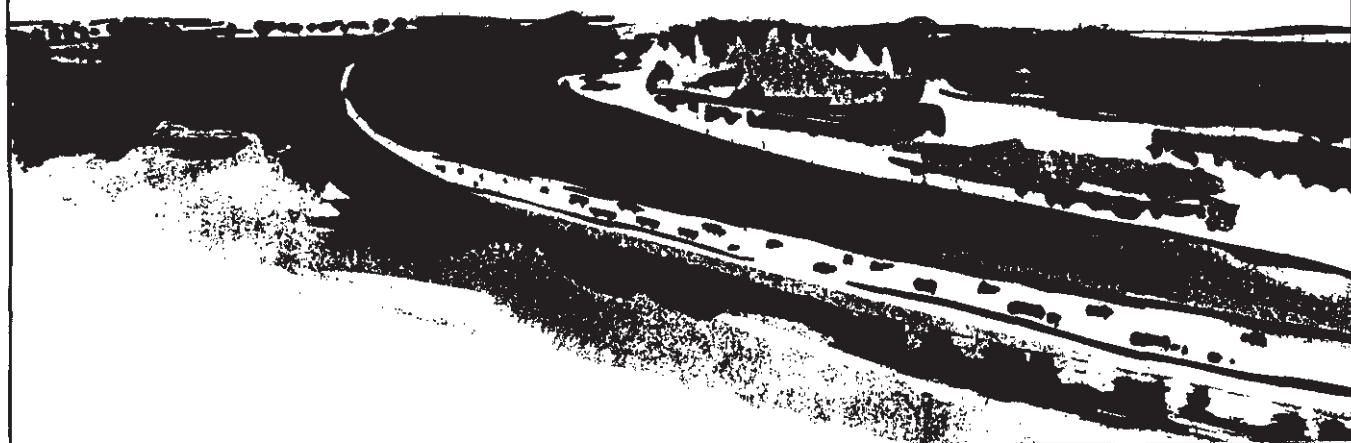
UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
38	Bridgeland Riverbank		A/PE			City
39	Calgary Zoo		A/PE	Along river edge	Calgary Zoo & City Parks	City
40	Tom Campbell's Hill					City
41	Headworks Park		A/PE		Service and maintenance agreement to be negotiated by City Parks & Alberta Government	Alberta Government/City Bavarian Lines
42	Max Bell Park		A/PE		Service and maintenance agreement to be negotiated by City Parks & Alberta Government	Alberta Government/City
43	Inglewood Golf Course		C-6/P3 I-2/P3			City/Crown
44	Slater Park		A/PE			City/Crown
45	Valleyview Regional Park		A/PE			City/Various Private
46	Valleyview Escarpment		A/PE		Service and maintenance agreement to be negotiated by City Parks & Alberta Government.	Alberta Government J. Medinger/CNR
47	W.I.D. Canal Corridor	City City City City City	I-3/PE I-4/PE I-3/PE UR/PE I-3/PE I-2/PE		Service and maintenance agreement to be negotiated by City Parks & Alberta Government.	City/Crown CP Ltd. AB Env't Protection IPSCO Devon Est. Various Private

5.3.7 BIBLIOGRAPHY

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Bow River South



5.4 BOW RIVER SOUTH

5.4.1 ACKNOWLEDGEMENTS

The Bow River South planning team would like to acknowledge the following individuals who contributed to the development of the vision Statement and Planning Concepts for the Bow River South segment of the Urban Park Master Plan.

City of Calgary Administration

Sara-Jane Gruetznier	Calgary Parks & Recreation
Gary Foster	Calgary Parks & Recreation
Bir Dhol	Planning & Building Department

Members of the Planning Advisory Committee

David Taylor	Willowridge Community Association
Dianne Cleveland	Acadia Community Association
Nancy Croteau	Millican/Ogden Community Association
Harry Rubak	Millican/Ogden Community Association
Pat Neuss	Willowridge Community Association
Roger Soucy	Douglasdale Community Association
Scott McDougall	Riverbend Community Association
Walter Tarnowetski	Riverbend Community Association
Ken Standish	Deer Run Community Association
Lorraine Thomson	McKenzie Lake Community Association

Members of the Lombard North Group (1980) Ltd.

Larry Paterson	Project Coordinator
Victor Kallos	Landscape Architect
Doug Thomson	Landscape Architect
Carmen Kubrak	Landscape Architectural Technician
Linda LeGeyt	Research
Dorothy Strain	Clerical

5.4.2 INTRODUCTION

The Bow River South segment of the Urban Park Master Plan is the largest of the five segments. It includes all river valley land within the City of Calgary south of Inglewood Bird Sanctuary to the City limit, plus those lands immediately adjacent to the Bow River that are south of Highway 22X but outside of the city limits. The river is several km long in this segment and the valley varies from narrow to very wide.

The area is characterized by large tracts of riverbottom land, much of it under agreement for gravel mining, a mix of residential and industrial uses, several city parks, a provincial park and a general pastoral quality in non-urbanized areas. There are numerous and varied waterfowl ranging from pelicans and cormorants to several species of ducks and geese and the occasional swan. A great blue heron rookery has established in an undisturbed site on the river's edge, at the Cominco reserve.

A resident herd of deer live within the city limits on the Cominco lands. Beaver frequent the river edges and adjacent streams, damming them to make a suitable place of residence. The occasional bear may wander into the Bow River South corridor from Fish Creek Provincial Park.

There are limited opportunities for the general public to get panoramic views of the river. One of the best is from the banks at the edge of the Blackfoot Trailer court. Another good location is along the east bank of the Bow River at McKenzie. Other viewing opportunities are more restricted in scope such as glimpses of the river from the Inglewood Bird Sanctuary, Deerfoot Trail and the various parks and bridges which are in the Bow River South corridor.

For those who use the river for canoeing or rafting, views from the river tend to be contained by river vegetation and development.

Access to the river within the city limits north of Highway 22X is generally good, particularly within the city parks and along the regional trail system. South of 22X however, access is extremely restricted due to the private ownership of land. The primary point of access is at Policeman's Flats, some twenty kilometres from the city centre.

The vision developed by the Planning Advisory Committee for this segment is one based upon the principal of responsible environmental management. One of the primary objectives of the Bow River South Planning Advisory Committee is to return as much of the river valley as possible to a natural condition which will foster the reestablishment of wildlife within the city. The planning units developed by the Planning Advisory Committee respect this philosophy. They have been structured by integrating parcels of land with similar landscape characteristics.

The Bow River South Planning Advisory Committee is aware that portions of the Urban Park Master Plan are currently in private ownership and may be suitable for purposes other than urban parks. The Planning Advisory Committee wishes to work together with private land owners to negotiate win-win solutions, which respect both the private landowners and Urban Park Master Plan objectives. All legal rights of the landowners would be respected in this process.

MAP VII - BOW RIVER SOUTH PLANNING UNITS

Planning Units Map

The Urban Park Master Plan planning units evolved from the original study area as a means of organizing and locating information. They describe areas with similar themes, geography, landscape type and/ or planning recommendation. Planning unit boundaries are not necessarily the proposed Urban Park boundary and may include land that is not recommended for inclusion in the Urban Park Master Plan.

URBAN PARKS MASTER PLAN
BOW RIVER SOUTH SEGMENT
PLANNING UNITS

PRELIMINARY DESIGN CONCEPT



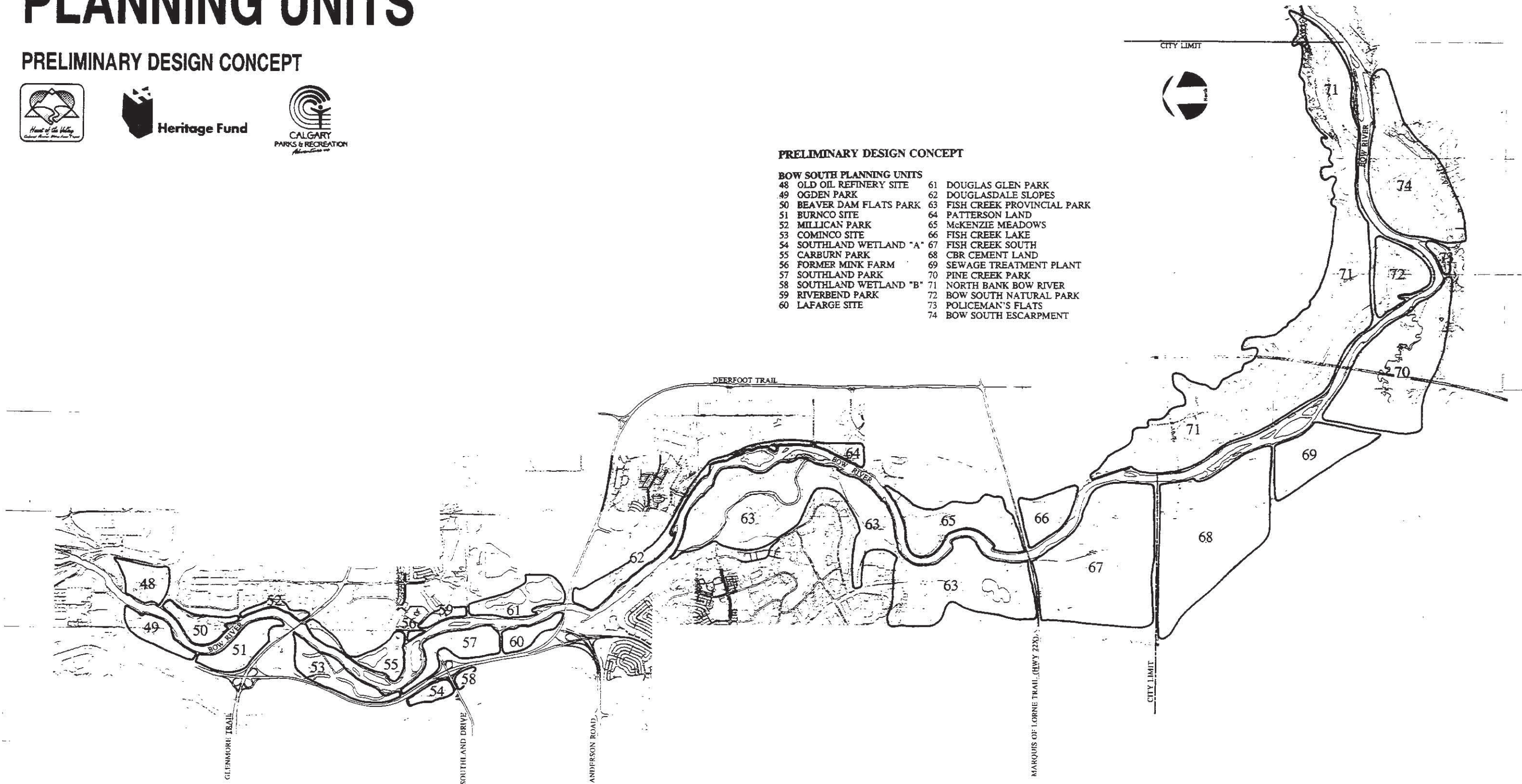
Heritage Fund



CALGARY
PARKS & RECREATION

PRELIMINARY DESIGN CONCEPT

- | | |
|--------------------------|-------------------------------|
| BOW SOUTH PLANNING UNITS | |
| 48 OLD OIL REFINERY SITE | 61 DOUGLAS GLEN PARK |
| 49 OGDEN PARK | 62 DOUGLASDALE SLOPES |
| 50 BEAVER DAM FLATS PARK | 63 FISH CREEK PROVINCIAL PARK |
| 51 BURNCO SITE | 64 PATTERSON LAND |
| 52 MILLICAN PARK | 65 MCKENZIE MEADOWS |
| 53 COMINCO SITE | 66 FISH CREEK LAKE |
| 54 SOUTHLAND WETLAND "A" | 67 FISH CREEK SOUTH |
| 55 CARBURN PARK | 68 CBR CEMENT LAND |
| 56 FORMER MINK FARM | 69 SEWAGE TREATMENT PLANT |
| 57 SOUTHLAND PARK | 70 PINE CREEK PARK |
| 58 SOUTHLAND WETLAND "B" | 71 NORTH BANK BOW RIVER |
| 59 RIVERBEND PARK | 72 BOW SOUTH NATURAL PARK |
| 60 LAFARGE SITE | 73 POLICEMAN'S FLATS |
| | 74 BOW SOUTH ESCARPMENT |



5.4.3 PLANNING UNIT DESCRIPTION

The following briefly describes the character of each of the Planning Units designated in the Bow River South segment of the Urban Park Master Plan and highlights improvements proposed as a part of the master plan. The names used for each Planning Unit reflect popular references to the area under consideration and are intended only to provide a location not a commitment on behalf of the landowner.

Planning Unit 48 Old Oil Refinery Site

This parcel of land is currently zoned General Light Industrial. It is currently under litigation and no development may proceed pending the outcome of this action. Once resolved it is intended that this parcel be added to the park system and developed in consultation with adjacent communities.

Proposed improvements include:

- Change zoning to D.C.
- Transfer to Parks Department following litigation
- Reclamation of impacted lands
- Naturalization of riverbank and adjacent land
- Development of recreation facilities including sports fields
- Provision of pathway linkages
- Parking
- Washrooms

Planning Unit 49 Ogden Park

This planning unit bounded by the Bow River on the east and Deerfoot Trail on the west has limited opportunity for vehicular access. The area is currently undeveloped however in the past has contained a former city nursery site and native school. It supports a variety of wildlife and is considered as important deer habitat. It also provides roosting for gulls some species of which are rare and winter habitat for waterfowl.

Proposed improvements include:

- Transfer of all lands in planning unit to Parks Department
- Rezoning land from UR to D.C. (Natural Park) to protect land from future development impacts
- Naturalization of park areas that have been previously impacted
- Development of trail linkages through the site
- Interpretation

Planning Unit 50 Beaver Dam Flats Park

This is an existing naturalized park within the city park system. Development includes parking, picnic areas and pathways.

No additional development is proposed under the Urban Park Master Plan.

Planning Unit 51 Burnco Site

The Burnco Site is an area that has been used as industrial land for a sand and gravel operation for the past thirty five years. It is located adjacent to the Bow River at the intersection of the Deerfoot Trail and Glenmore Trail. The planning unit includes the site occupied by Burnco and the adjacent LaFarge concrete pipe plant. A recent approval of City Council has redefined the Floodway Limit to permit zoning of the occupied land to DC within the flood plain and to therefore permit the continued occupation of the land for gravel washing, stockpiling and retailing. It is the vision of the Urban Park Master Plan to eventually acquire all the land within this planning unit as the land becomes available.

It is hoped that there can be a partnership between the land owner and the city with respect to the recommendations in the Urban Park Master Plan. However the legal rights of the landowner would be respected in all development processes. In the shorter term, it is intended that the land remaining within Floodway limit will be naturalized. Pathway linkages will continue through this sector to tie to adjacent areas, parking will also provide access.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- Acquisition of the entire parcel as it becomes available
- Naturalization of the park area, particularly the river edges
- Provision of parking
- Provision of trails

Planning Unit 52 Millican Park

This park encompasses the escarpment lands on the east side of the Bow River between Beaver Dam Flats Park and Glenmore Trail. These lands have been subjected to severe erosion on the north end and vehicle traffic on the south. The vehicle damage is the result of the placement of rip-rap to stabilize erosion and undercutting along the river bank. The area is also thought to have some archaeological/historical significance as a possible former buffalo jump site. The community of Millican-Ogden is strongly in favor of reclaiming the land to a naturalized condition.

Proposed improvements include:

- Continued naturalization of the area
- Restore and maintain path system

Planning Unit 53 Cominco Site

The Cominco site is identified in a number of sources as a high quality native habitat. The area has been under the strict protection of Cominco for many years. Public access is not permitted. This planning unit supports a diverse population of bird life, including a significant heron rookery, roosting for bald eagles and double crested cormorants and also has a resident population of mule and white tailed deer. The Bow River in this section is an important trout spawning area.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- Acquisition by the City of Calgary and transfer of land to Calgary Parks & Recreation
- Continued protection of the wildlife resources
- Naturalization of impacted areas on the periphery of the planning unit
- Development of trail linkages and viewing platforms along the boundary of the area
- Interpretation.
- Establish zoning consistent with the recommendations for this area to create a sanctuary and ensure continued protection of the natural resources.

Planning Unit 54 **Southland Wetland "A"**

Wetlands exist on the north and south sides of Southland Drive, west of Deerfoot Trail which were part of the original wetland complex adjacent to the Bow River. These wetlands provide important habitat for wildlife and need to be protected against further encroachment. Southland Wetland "A" is located on the north side of Southland Drive and is complementary to Southland Wetland "B" (Planning Unit 58).

Proposed improvements include:

- Rezoning to DC (Natural Park)
- Transfer of lands to Calgary Parks & Recreation
- Provision of public access to area off Southland Drive
- Improvement of the habitat through naturalization
- Eventual visual connection of wetlands with those on east side of Deerfoot Trail.

Planning Unit 55 **Carburn Park**

Carburn Park is a good example of how private industry and the City can work together for mutual benefit. The park is the result of a coordinated, pre-planned reclamation plan following gravel mining operations. It provides two water bodies which are popular fishing spots for youngsters as well as picnic areas, parking, washrooms, and a network of trails. The park is well used and an important component of the city's park system.

Proposed improvements include:

- Continued maintenance of existing manicured areas
- Encourage continued naturalization of other park areas

Planning Unit 56 **Former Mink Farm**

This small privately held piece of land is the site of a former mink farm. It is located immediately south of Carburn Park and separates the park from Riverbend (Unit 59). The area would make an important addition to the park system as it would facilitate path system linkages along the east side of the river.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- Acquisition at the first opportunity
- Development as an extension of Carburn park
- Reclamation and naturalization of impacted areas
- Development of trail linkages

Planning Unit 57 Southland Park

The land use for this area is currently the subject of a debate between opposing groups - one wants the area to be developed for a proposed par 3 golf course while the other wants it to be naturalized. A petition has also been submitted supporting the development of this area as open space such as a park or golf course. A second petition supports development of the area as a natural park. Currently the area is a grassland, adjacent to riverine forest. It provides needed habitat support for a variety of birds who need a forest-grassland relationship and forage for resident deer. In the past few years 124 different species of birds have been noted by community residents who regularly frequent the area. The islands in the Bow River adjacent to this unit provide winter roosting sites for bald eagles. The area is also extensively used by adjacent communities as a large off-leash area for dogs. Development over the years including the recent addition of a golf driving range has filled in much of the original wetland. However, the development of athletic park facilities in the river valley are not consistent with the Vision Statement and are therefore recommended to be phased out over time.

Proposed improvements include:

- Transfer of all land within the unit to the Parks Department
- Rezoning from UR to DC (Natural Park)
- Removal of the golf driving range on an opportunity basis
- Reclamation of the original wetland
- Naturalization of impacted areas
- Development of trail linkages to other segments of the river valley
- Provision of washrooms
- Continuation of off-leash provisions
- Addition of parking for facility users
- Interpretation
- Continuance of wildlife corridor between Cominco lands and Fish Creek Provincial Park.

Planning Unit 58 Southland Wetland "B"

This triangular portion of landscape adjacent to Maple Ridge Golf Course is part of the former wetland that once existed throughout the Southland Park (Unit 57) and Southland Wetland "A" (Unit 54) areas. As these larger areas are naturalized it is important to make every effort to reestablish the complete wetland complex. The Southland Wetland area is currently within City land department ownership.

Proposed improvements include:

- Transfer of all land within the planning unit to Calgary Parks & Recreation
- Rezoning all lands within the unit to DC (Natural Park)
- Improvement of the wetland habitat through naturalization.
- Eventual visual reconnection with the wetlands to the east side of the Deerfoot Trail

Planning Unit 59 Riverbend Park

This parcel of land making up planning unit 59 is bounded by the Bow River on the west, the Former Mink Farm land to the north, the Douglas Glen Park to the south and the Riverbend Community on the east. It is intended that development of this segment of the park system include protection of the river banks, naturalization of impacted areas and development of regional trails with linkages into the community.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- Acquisition of the south end of the property on an opportunity basis.
- Consolidation of all land adjacent to the river into one parcel.
- Preparation and implementation of a detailed plan to naturalize the river land and connect this park to other areas in the system via a regional trail network.
- Continuous path linkages to other units along this section of the river

Planning Unit 60 LaFarge Site

The land in this planning unit is currently occupied by the LaFarge plant. It is bounded by the Bow River to the east, the Deerfoot Trail on the west and south and the Southland Park to the north. The area contains gravel crushing, cement and asphalt plants. There is a significant capital investment in equipment and structures. It is LaFarge's intention to phase out the gravel crushing component of the operation over the next few years, but to continue with the other components for the foreseeable future. Never-the-less it is the intention of the Bow River South Planning Advisory Committee to recommend that the land be acquired on an opportunity basis and that it be developed as a naturalized park with restored wetland and an interpretive education centre. Additional facilities would include parking and picnicking and other program elements which support the wetland concept. In the shorter term, it is felt that once the gravel crushing operations are relocated a more refined use of the site would provide a wider buffer between the river edge and the industrial land which is currently zoned UR. This wider buffer would accommodate a more scenic river path system. In addition, the potential use of the LaFarge bridge crossing over the river and uniting this parcel with Douglas Glen Park needs to be further studied. The bridge which currently supports gravel trucks, has no side rails and is low to the river, although it has never been flooded or disturbed by flood waters during all the years it has been in place.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- Acquisition on an opportunity basis.
- Rezoning of the land from UR to DC (Natural Park)
- Reclamation to restore the wetland complex.
- Development of wetland interpretive education facilities in existing recycled buildings.
- Provision of parking, picnicking, trails and associated facilities.

Planning Unit 61 **Douglas Glen Park**

The land encompassing the majority of Douglas Glen Park is owned by LaFarge Canada Ltd. It has been used for many years for gravel mining and is now mined out. Reclamation plans prepared by Lafarge include the creation of two large lakes, one of 7.3 hectares and the other 12.14 hectares. It is intended that the area surrounding these lakes be naturalized in a large wetland area which will complement the existing 17 hectare natural park adjacent to the Bow River. Reclamation of the wetland would include trails and interpretive facilities.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- Acquisition of the land on an opportunity basis
- Funding support for the preparation and implementation of a program of reclamation which will restore the land to wetland habitat.
- Construction of a hand boat launch site.

Planning Unit 62 **Douglasdale Slopes**

This section of the river valley park system forms an important link between the Douglas Glen Park to the north and the Patterson lands to the south. The park includes some area which is already developed to include trails and picnic facilities, adjacent to the Douglasdale community. The community is proposing that one of the trails be taken across the Bow River on a new pedestrian bridge which will facilitate safe pedestrian access to the regional trail system on the west and through Diamond Cove to other park and residential facilities.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- Assistance with the planning of the area to ensure it ties into the Urban Park Master Plan trail network
- Support in principle with the community proposal to construct a pedestrian bridge over the Bow.

Planning Unit 63 **Fish Creek Provincial Park**

This planning unit is one of the largest urban provincial parks in Canada. It was developed and is owned by the Province of Alberta. Approximately 900 hectares of the total of 1200 hectares remain in a natural state. The main focus of recreational development in Fish Creek Provincial Park is an extensive system of bicycle and pedestrian trails providing access to all areas of the park. Intensive recreation use is accommodated at five major facility nodes. The park provides year round recreational opportunities in the form of cross country skiing, skating and tobogganing in winter and swimming, hiking and horseback riding in summer. Vehicular access is limited to eleven access points. This Urban Park Master Plan accepts and endorses the design intent of the previous Master Plan for Fish Creek Provincial Park and does not propose further alterations.

- Construction of a hand boat launch site could be considered at this site.

Planning Unit 64 **Patterson Land**

This triangular piece of land on the upper banks of the east side of the Bow just north of the McKenzie subdivision provides an opportunity to create a public access point to the river. The farm land is currently privately owned and zoned for urban reserve.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed Acquisition:

It is proposed that portions or all of Planning Unit 64 be acquired by the City of Calgary and that the land be rezoned to facilitate park development. A DC zone designation is proposed to allow the area to be developed in an integrated manner with the adjacent subdivision.

Proposed Improvements Include:

- Access and Parking
- Washrooms
- Pathway connections to the river valley path system
- Interpretation of the river valley and views to the mountains beyond.

Planning Unit 65 **McKenzie Meadows**

Owned by the Province of Alberta, as part of Fish Creek Provincial Park, this land is already significantly disturbed and is to be reclaimed as an 18 hole golf course as per the original master plan and the design intent of the park. It is intended that the project be developed by private entrepreneurs under a lease agreement with the Province. The Bow River South Planning Advisory Committee encourages the Alberta Government, City and golf course developer to incorporate environmentally responsible stewardship of the land and to allow the continuation of the regional trail adjacent to the golf course development, along the river edge.

Proposed Improvements include:

- Development of the regional pathway
- Maintenance of natural areas and wildlife corridors along the river edge

Planning Unit 66 Fish Creek Lake

Also owned by the Province of Alberta this parcel of land is tied to McKenzie Meadows for development by a private company. The developments originally proposed for the area, following gravel extraction (now completed), included a recreational fishing lake, and associated parking, picnicking and ancillary facilities. The area is subject to additional development scenarios by private enterprise under agreement with the Province. The Urban Park Master Plan endorses the original Master Plan and design intent of Fish Creek Provincial Park.

Proposed improvements include:

- Encouragement to the Province to ensure the original recreational intent of the park area is maintained
- Trail linkages along the east side of the Bow River
- Naturalize impacted areas adjacent to the lake and river edges
- *Maintain wildlife corridors*

Planning Unit 67 Fish Creek South

The existing facilities of Fish Creek Provincial Park are being taxed to the limit. It is proposed to redistribute these over a larger area to reduce the impact. The parcel of land encompassing Fish Creek South is currently being mined for gravel by LaFarge Canada Inc. The mined gravel is hauled through Fish Creek Provincial Park to be processed at the LaFarge plant (Unit 60). The area is popular for fishing and hiking along the edges of the river. This portion of the river is an important whitefish spawning area with a high occurrence of merganser ducks, pelicans and cormorants. The majority of the area is a flat river plain and considered difficult to reclaim for residential uses. Because of the proximity to Fish Creek Provincial Park and the traditional use in the area, it is proposed that this planning unit become part of Fish Creek Provincial Park and be developed to include recreation facilities following extraction of the gravel resources.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- *Liaison with the province to protect the river and escarpment edges as natural areas to acquire the land for park use following excavation by the owner,*
- Encourage the land owner to prepare and implement a planned reclamation and naturalization of the area.
- Develop trail linkages to other park segments
- Consider portions of the area for organized recreation activities, such as sports fields.

Planning Unit 68

CBR Cement Land (Outside City Limits)

This extensive river flatland area immediately south of the city limits is currently mined for gravel. Similar in character to Planning Unit 67 (Fish Creek South) this land is proposed to become part of the urban park system with the majority to be reclaimed as wetland and wildlife habitat. A proposed extension to 194 Avenue transects this unit and crosses the Bow River. With careful planning and attention to pedestrian requirements 194 Ave. can become a roadway in a park rather than a roadway bisecting a park. The bridge must accommodate pedestrian movements and recognize wildlife corridors.

This planning unit is in the MD of Foothills. The City of Calgary will work in association with the MD to ensure coordination of adjacent parks and trails.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- Liaison with the MD of Foothills to ensure protection of the river edges and escarpment areas.
- Encourage the land owner to prepare and implement a planned reclamation that will increase the ability of the area to be naturalized, following excavation.
- Zoning land to DC classification to permit the development of a land use plan which integrates with adjacent communities.
- Provision of parking.
- Provision for recreation activities
- Develop trail linkages to other park segments

Planning Unit 69

Sewage Treatment Plant (Outside City Limits)

The parcel of land proposed for the development of a sewage treatment plant was acquired by the City of Calgary for this purpose many years ago. It is currently outside of the city limits. It is intended that the plant will service the south part of the city once this area is more fully developed. Current plans call for a landscaped buffer and a 60M setback from the top of the river bank.

Proposed improvements include:

- Encourage an increase in set back to 100M
- Development of a landscape buffer and trail plan integrated with the development of the overall master plan for the sewage treatment plant.

Planning Unit 70

Pine Creek Site (Outside City Limits)

The area will be bisected by the future extension of Deerfoot Trail. With careful planning and attention to pedestrian requirements the Deerfoot Trail extension can become a roadway in a park rather than a roadway bisecting a park. It is currently outside of the city limits and is adjacent to Heritage Pointe Golf Course. The area is important as a wildlife movement corridor along the south side of the Bow River.

This planning unit is in the MD of Foothills. The City of Calgary will work in association with the MD to ensure the

coordination of adjacent park developments and trails.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park. The legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- Preservation and enhancement of Pine Creek and adjoining wetland habitat
- Continuation of regional trail system to Policeman's Flats
- Potential connection across the Bow River to North Bank Bow river, as part of the Deerfoot extension
- Historic and wildlife interpretation

Planning Unit 71 North Bank Bow River

The bottomland portions of this extensive area of privately held land are being mined for gravels. Springs and seepage areas occur within the coulees along the escarpment. Old snags along the river edges provide roosting for cormorants and eagles. A future proposed extension to Deerfoot Trail and 194 Ave crosses through the area.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park. The legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- Acquisition on an opportunity basis following extraction
- Liaison with the land owner to protect the land and to develop reclamation plans on the gravel mining operations which will enhance the naturalization of the park.

Planning Unit 72 Bow South Natural Park

Located within the city limits immediately north of Policeman's Flats, the proposed Bow South Natural Park is an old growth poplar forest surrounded on three sides by the Bow River. It provides roosting habitat for eagles, pelicans and cormorants as well as other species of birds even though it is grazed by cattle. The area complements the wetland habitat of Policeman's Flats and should be allowed to naturalize. Adjacent gravel mining operations currently under way have the potential to threaten the character of this privately held planning unit.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

Proposed improvements include:

- Acquisition on an opportunity basis
- Liaison with the land owner to protect the land and to develop reclamation plans on the gravel mining operations which will enhance the naturalization of the park, following extraction
- Designation of the area as environmental reserve.

Planning Unit 73

Policeman's Flats (Outside City Limits)

This 2.8 hectare backchannel marsh area was developed in 1987 as part of a "Buck for Wildlife" program. It provides needed nesting habitat for waterfowl, marsh birds and song birds. There is parking for approximately fifteen cars and a boat launch. The Bow River segment in this area is excellent for angling. Access to the site is off Dunbow Road (242 Ave. E.) at 42 St. East. The area is currently outside of the city limits.

This planning unit is in the MD of Foothills. The City of Calgary will work in association with the MD to ensure coordinate of adjacent park developments and trails.

Proposed improvements include:

- Encourage the MD of Foothills to continue to protect the land

Planning Unit 74

Bow South Escarpment (Outside City Limits)

This well treed escarpment area, outside of the current city limits is important for wildlife movement along the south side of the Bow river. It also provides important roosting sites for eagles as well as a variety of other species of birds. Although in private ownership, much of the area remains undeveloped.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XI - Land Ownership.

This planning unit is in the MD of Foothills. The City of Calgary will work in association with the MD to ensure the coordination of adjacent park and trail developments.

Proposed improvements include:

- Liaison with the MD of Foothills to develop legislation to retain and protect the natural character of the escarpment.
- Determination of ownership of the various parcels of land which make up this planning unit.
- Additional study to establish those portions of land considered most important for addition to the Urban Park Master Plan.

5.4.4

BOW RIVER SOUTH DEVELOPMENT PRIORITIES MATRIX

FIGURE IX

POTENTIAL URBAN PARKS PROGRAM FUNDING



- A-1 High Priority for Implementation by UPP Funds
- A-2 Medium Priority for Implementation by UPP Funds
- A-3 Low Priority for Implementation by UPP Funds
- B Priority (Other Funding Sources)
- C Long-Range Priority

Prior to the implementation of all projects, detailed design studies will be completed with opportunities for the public, community associations, and special interest groups to review and provide input into the proposed design.

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
48	Sprung Site	Naturalized	Rehabilitation of impacted areas Development of recreation facilities	\$1,000,000		Unknown at this time	C
49	Ogden Park	Naturalized	Rehabilitation to wildlife habitat Trails Interpretation	\$250,000	\$250,000	N/A	A-1
50	Beaver Dam Flats Park	Manicured				Existing City of Calgary Park	
51	Burnco Site	Naturalized	Upgraded river bank and buffer	\$1,200,000	\$100,000 (River edge /Flood Plain area only)	N/A following acquisition	A-3
52	Millican Park	Preservation	Upgrade river bank area	\$200,000	\$200,000	Community/City	A-1
53	Cominco Site	Preservation	Upgraded - natural area	\$300,000	\$100,000	following acquisition	A-2
54	Southland Wetland "A"	Naturalized/ Preservation	Upgraded and preserved natural area	\$100,000	\$100,000	N/A	A-1

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
55	Carburn Park	Manicured	Restored industrial land			Existing City of Calgary Park	
56	Former Mink Farm	Naturalized	Rehabilitated residential land	\$50,000		N/A	following acquisition
57	Southland Park	Naturalized	Upgraded grassland area	\$1,000,000	\$1,000,000	N/A	A-1
58	Southland Wetland "B"	Preservation	Protected wetland	\$50,000	\$50,000	\$50,000	A-1
59	Riverbend Park	Naturalized	Upgraded river bank			N/A	
60	LaFarge Site	Naturalized	Reclaimed industrial land	\$1,500,000			
61	Douglas Glen Park	Naturalized	Reclaimed gravel mine	\$1,500,000	\$500,000	Private owner/ LaFarge	A-2 Following Acquisition.
62	Douglasdale Slopes	Preservation	Upgraded river escarpment	\$250,000	\$100,000	Developer, City	A-1
63	Fish Creek Provincial Park	Naturalized				Existing Provincial Park	
64	Patterson Land	Manicured	Park access node and trail head facility	\$350,000		City	C
65	McKenzie Meadows	Manicured Golf Course	Reclaimed gravel mine	\$4,000,000		Private developer	
66	Fish Creek Lake	Manicured/ Naturalized	Reclaimed gravel mine	\$2,000,000		Private Enterprise	
67	Fish Creek South	Naturalized	Reclaimed gravel mine	\$5,000,000		Province/City	
68	CBR Cement Land	Naturalized	Reclaimed gravel mine	\$5,000,000		City/Province	
69*	Sewage Treatment Plant	Naturalized	Buffer landscape path development	\$300,000		City	
70	Pine Creek Park	Naturalized	Upgrade following road construction	\$4,000,000		TBA	
71	North Bank Bow River	Naturalized	Reclaimed gravel mine	\$10,000,000		TBA	
72	Bow South Natural Park	Preservation	Upgraded Natural Area	\$100,000		TBA	

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
73	Policeman's Flats	Peservation	Protected Wetland				
74	Bow South Escarpment	Preservation	Upgraded Natural Area	\$100,000		TBA	
	All of Bow South	Naturalized	General pathway upgrades	\$250,000	\$250,000		A-3

TOTAL BOW RIVER SOUTH

\$39,480,000

POTENTIAL UPP EXPENDITURE BOW SOUTH

\$2,550,000

* Planning units outside of the City Limits

n.b. Capital costs do not include land acquisition

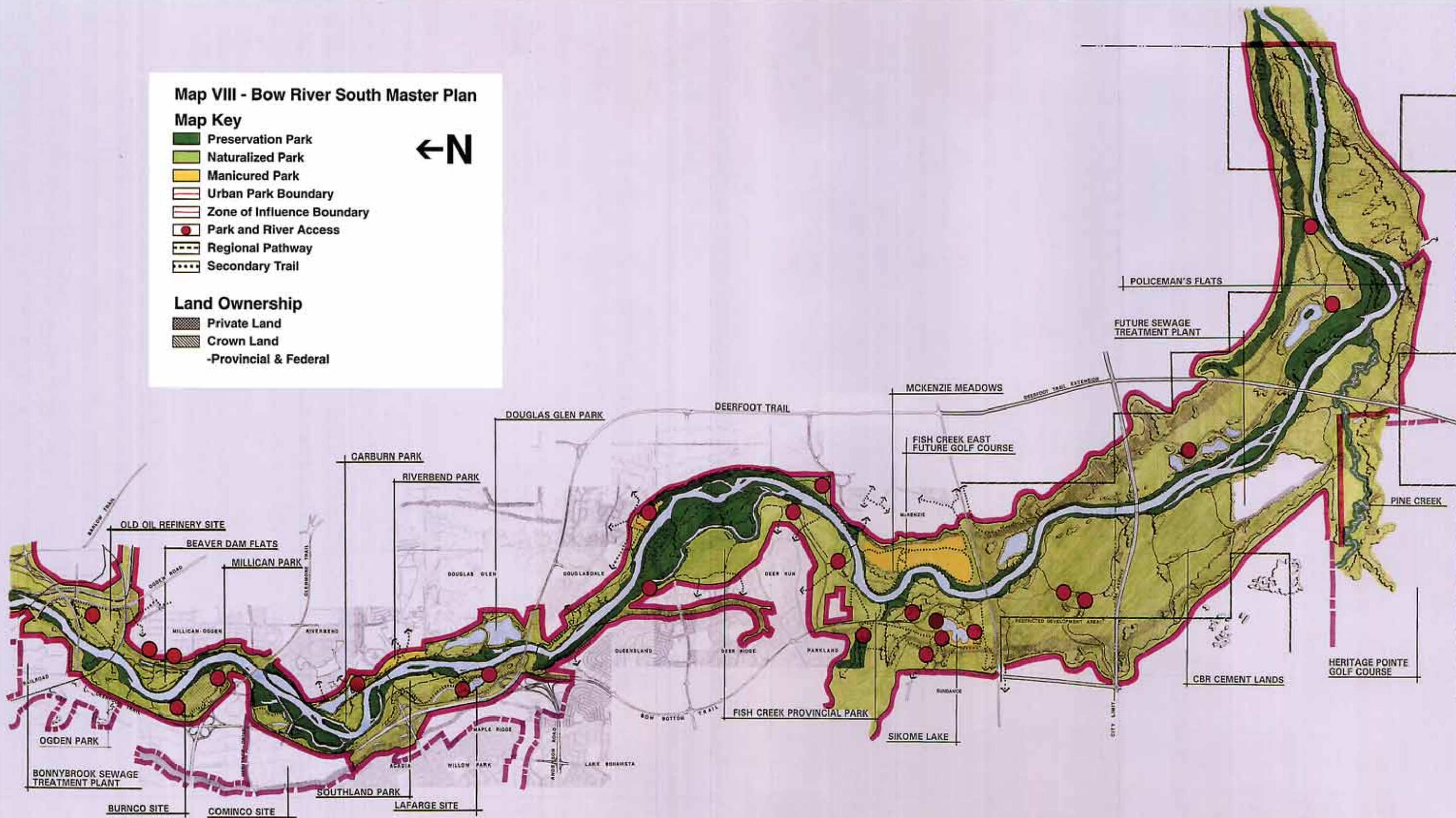
Map VIII - Bow River South Master Plan

Map Key

- Preservation Park
- Naturalized Park
- Manicured Park
- Urban Park Boundary
- Zone of Influence Boundary
- Park and River Access
- Regional Pathway
- Secondary Trail

Land Ownership

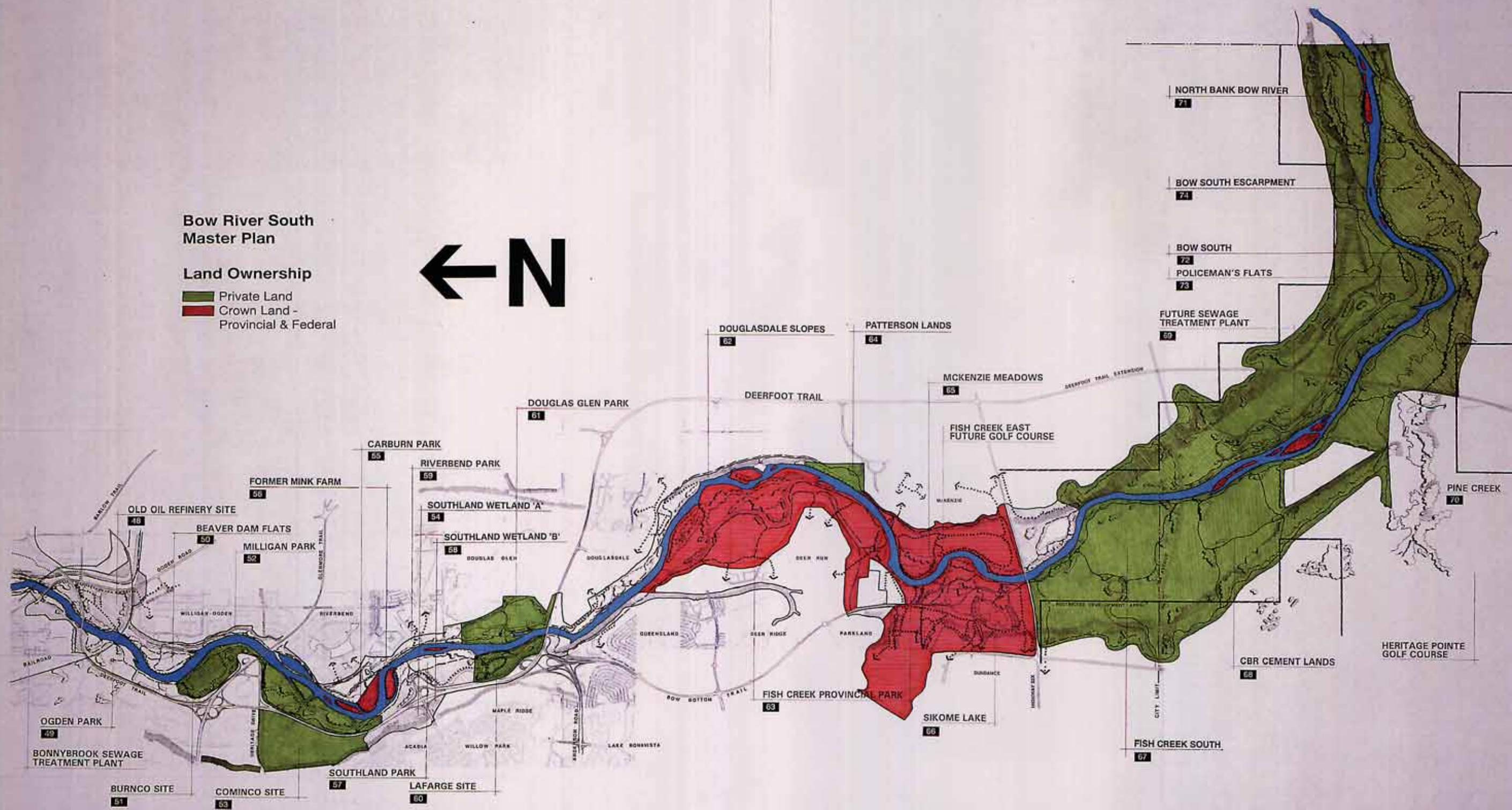
- Private Land
- Crown Land
- Provincial & Federal



Bow River South Master Plan

Land Ownership

- Private Land
- Crown Land - Provincial & Federal



5.4.5
BOW RIVER SOUTH PLANNING UNITS
LAND ACQUISITION MATRIX

FIGURE X

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
48	Sprung Site		Existing I2 Proposed DC	Impacted by 50th Ave. interchange	Under litigation	City: Land
49	Ogden Park		Existing UR Proposed DC (Natural Park)		Transfer lands owned by Land Dept. to Parks Dept.	City: Parks & Land
50	Beaver Dam Flats		Existing PE			City: Parks
51	Burnco Site	City	Existing UR Proposed DC		To allow development of buffer zone at Bow River	Burnco/City/Supercrete/La Farge
52	Millican Park		Existing PE			City: Parks
53	Cominco Site	City	Existing DC			Cominco
54	Southland Wetland "A"	City	Existing DC, UR Proposed DC (Natural Park)			City
55	Carburn Park		Existing DC			City: Parks
56	Former Mink Farm	City	Existing UR Proposed DC(Natural Park)		Required for pathway link between planning units 55 and 59	JEC Interprises Inc.
57	Southland Park		Existing UR Proposed DC (Natural Park)		Transfer from Land Dept. to Parks Dept.	City: Land
58	Southland Wetland "B"		Existing PE, UR Proposed DC(Natural Park)		Transfer from Land Dept. to Parks Dept.	City: Land
59	Riverbend Park	City	Existing PE,DC,R-1			City/Carma

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
60	LaFarge Site	City	Existing UR Proposed DC	Possible widened easement along Bow River	With LaFarge for wider easement. Assist LaFarge with site planning for efficient use of land.	LaFarge Canada, Inc.
61	Douglas Glen Park	City	Existing UR Proposed PE		With LaFarge redevelopment and acquisition	LaFarge Canada, Inc.
62	Douglasdale Slopes	City	Existing PE		With Douglasdale Estates for pathway linkages	City
63	Fish Creek Provincial Park		Existing PE		For connecting linkages to path systems	Province of Alberta/City
64	Patterson Lands	City	Existing UR Proposed DC	Desirable on interim basis along top of escarpment	With owner for easement to permit pathway linkages	Patterson
65	McKenzie Meadows		Existing PE		Pathway linkages with adjoining land	Province of Alberta/City
66	Fish Creek Lake		Existing PE		Path linkages with adjoining land	Province of Alberta
67	Fish Creek South	Province of Alberta	Existing UR Proposed PE		With Alberta Environment and Alberta Rec. & Parks for development	LaFarge Canada, Inc. City
68	CBR Cement Land	City	Proposed DC		Coordination interim project with M.D.	CBR Cement Canada Ltd.
69	Sewage Treatment Plant	City		Landscape buffer required	With Sewer Division for pathway	City: Land
70	Pine Creek Site	City	Proposed DC	Required across Deerfoot R.O.W. with M.D.	With Streets Division for access across proposed Thornmark	Ten Jay Ranches Deerfoot Extension; Capital Corp.; LaFarge Canada, Inc.
71	North Bank Bow River	City	Existing RV/ANRI Proposed DC			C. Soutzo/A. Soutzo Burnco/City
72	Bow South	City	Existing RV/ANRI Proposed DC			Soutzo/City
73	Policeman's Flats	City	Proposed DC(Natural Park)		Negotiate with MD for interim protection	Private

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
74	Bow South Escarpment	City	Proposed Dc (Natural Park)	Requirements unknown	Acquire to top of bank on opportunity basis. Negotiate with MD for interim protection.	Several private owners

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Elbow River Valley



5.5 ELBOW RIVER- GLENMORE RESERVOIR

5.5.1 ACKNOWLEDGMENTS

Elbow River - Glenmore Reservoir Planning Advisory Committee

George Hughes	Erlton Community Association
Gail Reinhart	Britannia Community Association
Ron Ellis	Parkhill/Stanley Park Community Association
Wendy Michener	Rideau/Roxboro Community Association
Debra AuCoin	Ramsay Community Association
Ted Godwin	Chinook Park /Eagle Ridge Community Association
Carlie Kastelic	Elbow Park Community Association
Rick Singleton	Elbow River Residents Association
Mavis Mawdsley	Lakeview Community Association
Pat Noble	Cliff Bungalow - Mission Community Association
Danica Hrynychak	Cliff Bungalow - Mission Community Association
Michael Willis	Cliff Bungalow - Mission Community Association
Tony Melgrave	South Calgary Community Association
Jim Big Plume	Tsuu T'ina Nation - Correspondent

Len Novak Leonard Novak Landscape Architect Ltd.

The Elbow River Planning Advisory Committee wish to acknowledge the following people for their special consideration and assistance in planning the Elbow River segment.

Terry Hawitt	Parks Foundation Cathedral project
Bruce McBean	President, Earl Grey Golf Club
David Willis	President, Heritage Park Society
Ken Bailie	Director, Heritage Park Society
Rick Smith	Manager, Heritage Park Society
Barry Erskine	Alderman

Special thanks to Fort Calgary staff who contributed meeting space for the Elbow River Planning Advisory Committee meetings.

5.5.2 INTRODUCTION - ELBOW RIVER VALLEY

With its clear waters originating in the Rocky Mountains, the Elbow River reaches the heart of Calgary as a swift, sparkling prairie-foothills stream. The character of the Elbow River in Calgary varies according to its setting within the city in five distinct zones.

The broad, steeply-walled valley which embraced the braided channels of the river was dammed in 1933 to form the Glenmore Reservoir, Calgary's only lake and major body of water. The delta of the river as it flows into the reservoir at the west edge of the city is known as the Weaselhead and is called the "source" by city naturalists because of its richness as wildlife habitat. Glenmore Park protects the banks and uplands around the reservoir and is a regional recreational destination.

The escarpments and riverine forest of the canyon below the Glenmore dam are contained in the public open space of River Park as well as in institutional open spaces.

Private residential properties occupy the banks of the broad meanders of the river below the River Park/Sandy Beach bend, up to the Mission district.

The more intensively populated districts of Mission and Erlton, and the activity places of Lindsay Park and the historical Mission and Cathedral areas give the river side an urban character even as the river margin retains its natural quality through this segment.

The last reach of the Elbow River, from the Macleod Trail crossing to its confluence with the Bow River is adjoined by the areas of special city functions of Stampede Park, the historical landscapes of Union Cemetery/Reader Rock Garden and finally, or originally, Fort Calgary, where the city began.

The presence of the Elbow River, particularly below Glenmore Dam is a thin, precious strand of natural open space within its urban setting. Maintaining purity of the aquatic habitat and of the water itself is a principal responsibility, but the ways and means of rectifying pollution from storm sewers and of channel degradation are beyond the mandate of this plan, and must be entrusted to others.

Priority in this plan has been given to protecting and enhancing the natural quality of the landscapes adjoining the Elbow. The plan also proposes to extend the image and presence of the Elbow River into the urban environs throughout and even beyond the valley. This will be achieved by extending pathway connections, by accommodating more people along the river in a hierarchy of pathway types, by visually integrating the activities on these pathways with the urban uses adjoining them and by extending, through development, the natural landscape of the riverside into the approaches to the river park.

The entire Elbow River Valley in Calgary is conceived as a single park. The following is an outline of the planned elements of it.

5.5.3 ELBOW RIVER FUNDING STRATEGY

Priorities for the funding of Elbow River planning units are shown on Figure XI - Development Priorities Matrix. Projects designated as A-1 are the first priority for Urban Park funding and focus on recommendations involving ecological rehabilitation or naturalization. Projects designated as A-3 are recommendations that make a contribution to, or are dependent on, a joint undertaking with other parties. A-2 projects are all other recommendations.

If projects of the first priority can be realized with actual expenditures less than the amount of the assigned budget, the remaining funds will be applied to other planning units in the Elbow River.

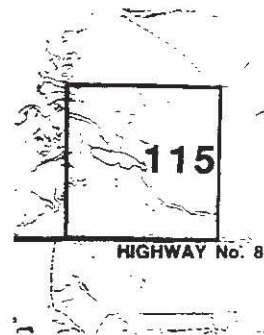
MAP IX - ELBOW RIVER PLANNING UNITS

Planning Units Map

The Urban Park Master Plan planning units evolved from the original study area as a means of organizing and locating information. They describe areas with similar themes, geography, landscape type and/ or planning recommendation. Planning unit boundaries are not necessarily the proposed Urban Park boundary and may include land that is not recommended for inclusion in the Urban Park Master Plan.

PLANNING UNITS

76. FORT CALGARY
77. RAIL YARDS
78. EAST RAILWAY BLUFF
79. BUS BARN
80. VICTORIA PARK
81. SCOTCHMAN'S HILL
82. STAMPEDE GROUNDS
83. STAMPEDE SOUTH BANK
84. SPILLER ROAD INDUSTRIAL YARDS
85. ERLTON STATION
86. ERLTON - MACLEOD TRAIL
87. MACLEOD TRAIL CROSSING AT LINDSAY PARK
88. MACLEOD TRAIL CROSSING- ELBOW PARK INN & ST. MARY'S SCHOOL
89. CATHEDRAL STATION
90. LINDSAY PARK
91. MISSION GROUNDS
92. HOLY CROSS HOSPITAL RIVERBANK
93. MISSION WEST BANK
94. ERLTON RIVER BANK
95. CLIFF BUNGALOW/GLENCOE ESCARPMENT
96. ELBOW ISLAND PARK
97. MISSION BRIDGE 26TH AVENUE RIVER FRONT
98. ELBOW DRIVE/WOODS PARK
99. STANLEY PARK
100. ELBOW PARK
101. RIVERDALE
102. RIVER PARK/SANDY BEACH/BRITANIA ESCARPMENT
103. RIVER EDGE LAND
104. CALGARY GOLF AND COUNTRY CLUB
105. GLENMORE WATER PLANT/INSTITUTIONAL SITE
106. LAKEVIEW GREEN
107. BEL AIRE ESCARPMENT
108. GLENMORE TRAIL CAUSEWAY
109. EARL GREY GOLF COURSE
110. NORTH GLENMORE PARK
111. HERITAGE PARK
112. SOUTH GLENMORE PARK
113. WEASELHEAD
114. TSUJITINA LANDS
115. CLEARWATER



URBAN PARKS MASTER PLAN ELBOW RIVER SOUTH SEGMENT PLANNING UNITS

PRELIMINARY DESIGN CONCEPT



Heritage Fund



CALGARY
PARKS & RECREATION

114

113

GLENMORE RESERVOIR

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GLENMORE TRAIL

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HERITAGE DRIVE

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5.5.4 PLANNING UNITS DESCRIPTION

The main features of the Urban Park Master Plan for the Elbow river are more specifically described on the basis of the following 39 planning units.

Planning Unit 76 Fort Calgary

The discussion of the Elbow River segment of the plan begins at the confluence of the Elbow and the Bow River. The site of the original Royal North-West Mounted Police Fort and Calgary's birthplace is rich in archaeological, historical and natural resources and interpretive potential. The Urban Park Master Plan supports the Fort Calgary Society's long range plan for exhibits and site development.

The elements include:

- Re-establishment of the natural landscape of the overall site.
- Re-creation of the Goose Island historical habitat and demonstration of archaeology.
- Demonstration of the historical construction of the fort.
- Renewal of the museum.
- Construction of an alternate regional bicycle path at the south and west perimeter of the park.
- Improvement of secondary trails.

Planning Unit 77 Rail Yards

The Canadian Pacific Railway yard downtown on 9th Avenue opposite Fort Calgary occupies a prominent approach to the Elbow River Valley park. Landscaping of the north edges of the rail yard would create a powerful visual entrance way to the park. The further development of a suggested historical railway exhibit at this location would be a valuable complement to the early Calgary historic precinct centered on Fort Calgary.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XIV - Land Ownership.

The recommended improvements would include:

- Planting of native trees and shrubs in the open, north edges of the railyard and adjoining boulevard.
- Development of a railway exhibit, or placement of historical rolling stock on the outer siding.

Planning Unit 78

East Railway Bluff

A narrow strip of publicly-owned riverbank land extends between the MacDonald Bridge and the CPR right-of-way on 9th Avenue. Path access on this strip would establish the public interest in, and protect the natural riverbank as well as provide a connection on the east side of the river from the MacDonald bridge to the existing, community-made Out West Park.

The South-Downtown Bypass is proposed to cross the Elbow River south of 9th Avenue. This crossing would have a major impact on the Elbow River and is not supported by the Urban Park Master Plan. The decision to cross the river will be made through the GO Plan process. Please refer to Section 1.3. If the roadway development proceeds, provision for riverbank restoration and trail continuity is essential. If the roadway does not proceed then all lands that are currently reserved as ROW should be rezoned as parkland.

Proposed improvements and recommended participation by adjacent owners include:

- Development of a secondary trail as described above.
- Clean up, by the owners, of bank disturbance and possible ground contamination from adjacent, private residential and commercial properties.

Planning Unit 79

Bus Barn

The remaining open space between the City's bus barn and its parking lot, and the west bank of the river is extremely narrow, considering its importance as the access way for the existing regional path. The roadway that passes through this space further reduces the available space.

Recommended is:

- That the City of Calgary Transportation Department plant the remaining space in the bus barn yard as well as the roadway boulevards with riverine forest trees and shrubs, in the course of new development of the site.

Planning Unit 80

Victoria Park

The future regional path around Stampede Park could be connected to the north along the river edge of the Victoria Park community site.

Proposed components are:

- Completion of the regional path along the edge of Victoria park, at the river end of the 14th Avenue right-of-way.

Planning Unit 81

Scotsman's Hill

Scotsman's Hill is not only a city landmark but its west escarpment is also a unique natural habitat. The escarpment and the terrace which adjoins the river below, which was previously used for Stampede storage, are public park land.

The measures required to protect and improve the quality and recreational use of this area are:

- Rehabilitation and stabilization of the escarpment habitat that has been disturbed, including protection of the fragile "hoodoos" by controlling access.
- Establishing a naturalized landscape of native trees, shrubs and grasses on the terrace.
- Improvement of the regional path to achieve consistent quality and safety throughout the east side of the river opposite the Stampede Grounds.

Planning Unit 82

Stampede Grounds

Consistent with "the new Horizon 2000 Vision" plan by the Stampede a regional pathway is envisioned along the river adjoining the Stampede grounds. The corridor in which the path would be located would vary in width from a minimum of 30 m to widen at places according to features on the grounds. The riverbank and path corridor would be planted with riverine trees. The path itself would be a promenade that would accommodate intensive use and could be built of materials consistent with those used in Stampede Park. While provisions for security, and possibly even limitations on access at event times can be anticipated, the path corridor and the adjoining park elements could be integrated and complementary, allowing people on the path to see and enjoy the activities (horse grooming, training, livestock, etc.) in the park along the way.

Proposed improvements include:

- Development of the regional path/promenade.
- Naturalization of the riverbank open space.

Planning Unit 83

Stampede South Bank

A variety of Stampede functions adjoin the river as it winds through the south end of Stampede Park. The regional path threads through, and is in places constrained by these adjacent uses, even as it shares the riverbank open space with a thin band of natural forest. The Indian Village of Stampede Park occupies a green space in the south east portion of the park. Reader Rock Garden and the City's historical Union Cemetery are opposite 25th Avenue which borders the south end of Stampede Park.

A unified system of historical interpretive information, principally signs marking key historic events, landmarks and landscapes is proposed to be placed along Elbow River pathway system. The first of these would be located at Reader Rock Garden.

Recommended improvements for the area include:

- Conversion of existing parking and storage space to a Stampede entrance park which would complement the river.
- Improvement of the quality and continuity of the regional path.
- Clear and safe access to Reader Rock Garden and Union Cemetery.
- Restorative maintenance of Reader Rock Garden and appropriate historical interpretive features for the Garden and the cemetery.

Planning Unit 84

Spiller Road Industrial

Spiller Road and 25th Avenue bring motorists to the Elbow River from the east. The margins of the unsightly city-owned industrial yards lining these routes along with the adjoining roadway boulevards can be landscaped to enhance this important "gateway" to the river valley.

The improvement recommended to be carried out by the City of Calgary Engineering Department would be:

- Planting of low-maintenance trees, shrubs and groundcovers in the outer yard spaces and adjoining boulevards.

Planning Unit 85 **Erlton Station**

The open landscape strip around the Erlton LRT Station which adjoins the east side of Macleod Trail can be enhanced as an important roadway approach to the Elbow River.

The proposed improvement would be:

- Planting of low-maintenance groves of trees and shrubs throughout the strip of open space around the station.

Planning Unit 86 **Erlton-Macleod Trail**

The lower part of Erlton will be re-developed in the future to higher density residential and related uses. A pedestrian bridge over Macleod Trail to the Erlton LRT station is proposed as part of the Erlton redevelopment. The open space of this development adjacent to Macleod Trail should be landscaped according to the requirements of the City's Development Bylaw with special consideration according to its position as a part of the Macleod Trail approach to the Elbow River.

Specific elements to be achieved through the development approval process include:

- Groves of trees in the front yards on Macleod Trail consistent with those proposed for the other sites on the Macleod Trail approach.
- Provision for east-west linkage of the path system. The transportation plan prepared by the communities of Cliff Bungalow-Mission and Erlton proposes an east-west pedestrian corridor terminating in the planned overpass of Macleod Trail at the Erlton LRT Station.

Planning Unit 87 **Macleod Trail Frontage at Lindsay Park**

The east-facing slopes of Lindsay Park form another highly visible element of the Macleod Trail approach to the River.

Proposed is:

- The naturalizing and planting of the sloping park spaces and the roadway margins and median as an extension of the riverine forest.

Planning Unit 88 **Macleod Trail at Elbow Park Inn and St. Mary's School**

The riverbank site of the Elbow Park Inn is of natural quality that enhances the Macleod Trail-Elbow River Crossing. The riverbank at St. Mary's High School is also a valuable bank of riverine forest in good natural condition.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XIV - Land Ownership.

Recommended is:

- The continuing care of the Elbow Park Inn landscape edge in the present and future use of this site.
- The existing parking lots and retaining walls be improved by the school to be more harmonious with the natural setting.

Planning Unit 89

Cathedral/Station

A project group allied with the Calgary Parks Foundation proposes to develop a new public place integrating the terminus of 1st Street West, the St. Mary's Cathedral grounds and the space around the ballet centre which occupies the old CN Station. The adjoining riverbank with the pedestrian crossing to Lindsay Park is integral with the "Cathedral Square" and its potential as an urban place and gateway to the river.

Proposed improvements include:

- Stabilization and rehabilitation of the natural riverbank.
- Participation, by a contribution of funds, in the development of "Cathedral Square".
- Improvement of the existing railway bridge, for safety and to afford greater visibility of the river. These bridge improvements would be done under a separate program by the City of Calgary Engineering Department.
- Development of a promenade from Cathedral Square across the railway bridge to Lindsay Park.
- Historical marking for interpretation of the Cathedral, the Station and the old railway crossing.

Planning Unit 90

Lindsay Park

While much of the Lindsay Park complex, including the more central areas of the open space, are developed for recreation, the margins of the park along the river are in a natural state.

It is recommended that:

- The quality of the natural, riverine forest along the river be preserved according to the same standards for maintenance of other areas which have been designated for preservation in the river valley system.

Planning Unit 91

Mission Grounds

The Roman Catholic Mission, including the Cathedral, Sacred Heart Convent and related institutional buildings are the core of one of the earliest historical establishments in Calgary. The formal grounds and historic architecture of the Convent are an integral and scenic element of the riverside landscape in this area.

Recommendations and proposed improvements:

- That this historic site be retained as it exists and if possible, made accessible to the public in the future.
- Historical interpretive marking to be placed on the public riverbank nearby.

Planning Unit 92

Holy Cross Hospital Riverbank

A narrow strip of unstable land and sparse natural vegetation remains between Holy Cross Lane and the river, at the back of Holy Cross Hospital. Informal and precarious pedestrian access occurs along this strip.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XIV - Land Ownership.

Proposed improvements include:

- Adjustments to the Holy Cross Lane roadway to minimize traffic and to widen the adjoining riverbank open space.
- Stabilization and rehabilitation of the riverbank, including a secondary trail connecting existing and future open space and pedestrian places at the Hospital.
- Discussions with owners of the apartment properties, about a riverbank easement for secondary trail access to the proposed river crossing and regional path.

Planning Unit 93

Mission West Bank

The active, urban districts of Mission and Cliff Bungalow would be enriched with improved visual and pedestrian linkages to the Elbow River. The community's transportation plan proposes a pedestrian and bicycle corridor centered on 24th Avenue, extending from the Erlton LRT Station, across the river to the Holy Cross Hospital and westward to Cliff Bungalow. The existing pedestrian crossing on the 25th Avenue bridge is unsafe. The scenic riverine landscape also requires enhancement and continuity of access on the west bank.

Proposed improvements include:

- A footbridge for the 24th Avenue corridor. Attachment of a new pedestrian crossing to the existing 25th Avenue bridge is an alternative, if feasible.
- Restoration of the west riverbank.
- A secondary trail route under or around the 25th Avenue Bridge along the public riverbank land, past the apartment building and along the existing brick walk past the four detached houses, to 24th Avenue.
- A pedestrian route designated and enhanced by tree planting in the boulevard, extending westward on 21st Avenue from the Lindsay Park bridge.

Planning Unit 94

Erlton River Bank

In the future re-development of Erlton, negotiated portions of the river plain which are within the designated Floodway will be designated parkland. The anticipated set-back between the edge of the river and the development should become naturalized parkland.

Specific improvements would include:

- A development setback to a width adequate for the establishment of naturalized riverine parkland.
- A reconstructed regional path.

Planning Unit 95

Cliff Bungalow/Glencoe Escarpment

The valley escarpment comprising the naturally vegetated slopes behind the Cliff Bungalow School and the escarpment above the Glencoe Club may be linked with pedestrian access along the streets, and via the streets to the river.

The proposed routes are:

- A secondary trail from Western Canada High School along the existing Cliff Bungalow path, to connect by Cliff Street and Hillcrest Avenue to a bank-top trail on the Glencoe Club escarpment.
- A secondary trail route designated and developed on the boulevards of Hillcrest Ave. and Cliff Street and crossing at Fifth Street to the river.

Planning Unit 96 Elbow Island Park

The island is an important midstream wildlife habitat and refuge.

Proposed is:

- The preservation of the island and rehabilitation of existing disturbance of the natural conditions and quality.
- Retention of existing facilities and access.

Planning Unit 97 Mission Bridge/26th Avenue River Front

The elevated, beautifully-forested band of open space between the river and Elbow Drive and 26th Avenue, centered on the Mission Bridge is intensively used by people in the active urban districts focused on 4th Street.

Proposed is:

- Re-development of the existing regional path as a promenade with wide, decorative paving, places to sit, and new planting to separate the pedestrian space from the road.

Planning Unit 98 Elbow Drive/Woods Park

Woods Park, located between the river and Elbow Drive is the site of some of the oldest and most historic park development in Calgary.

Proposed improvements include:

- Planting continuous groves of native trees to both enhance the roadside landscape and to visually separate the road from the park and the river.
- Refurbishing of the formal garden, designed by William Reader, and marking it as an historic site.
- *Rebuilding deteriorated or unsafe portions of the existing regional path.*
- Designating and developing, with street trees and widened walks, secondary trail linkages on the boulevards of 32nd Avenue and Elbow Drive.

Planning Unit 99 Stanley Park

Stanley Park will continue to serve a variety of recreational functions, from active sports to wading at the shore of the river and picnics in the shade of the balsam poplar groves. The extension of the Stanley Park slopes to the north, known as the Heritage Escarpment, is being reclaimed with natural vegetation as a community effort.

Proposed improvements to Stanley Park include:

- Naturalization of the areas not used for recreation, within the park.
- Relocation of the existing utility yard.
- Marking of the historic Lindsay's Folly landmark.

Planning Unit 100

Elbow Park

The relationship of the Elbow Park district with the river will be enhanced with pedestrian connections along the community streets.

In addition to those related to Woods Park, as described in #98 above, the proposed improvements will include:

- Development of a new path as a promenade on the Sifton Boulevard right-of-way and the adjoining public riverbank, extending to the existing footbridge. The riverbank will be stabilized with natural vegetation.
- Designation and development of connecting, secondary trails in the boulevards of Eighth Street between the schools and 38th Avenue west of Elbow Drive.
- Conversion of Edison Crescent Park to a naturalized park.

Planning Unit 101

Riverdale

All of the regional pathway traffic from River Park through the Riverdale district is presently accommodated along the roadway of Riverdale Avenue.

Proposed improvements include:

- Designation of an alternate, secondary trail on the Lansdowne Avenue roadway boulevard, from Elbow Drive to Eighth Street and connecting to the footbridge on Eighth Street. This connection would extend to Lansdowne Avenue on the east through the existing signalized crossing at Elbow Drive.
- Removal of the existing snow dump and establishing a naturalized landscape approach to the river on Elbow Drive with trees in the roadway interchange spaces.

Planning Unit 102

River Park/Sandy Beach/Britannia Escarpment

The River Park area, including the west-facing portion of the Britannia Escarpment embraces most of the "canyon" zone of the valley. The valley walls are steep and except for the recreational areas of Sandy Beach and the River Park upland, the landscape is in a natural condition, with localized areas of disturbance.

The City's Transportation By-Law shows a future bridge crossing of the Elbow River at 50th Avenue. Because of its impact on the natural quality and integrity of the Elbow River Valley, the development of this roadway is not supported in the Urban Park Master Plan. The decision regarding this bridge crossing will be made in the GoPlan process.

The proposed improvements for River Park/Britannia Escarpment are directed to restoring, enhancing and preserving the natural landscape.

The improvements include:

- Naturalizing the coulees and sloping areas in the northern part of River Park, and maintaining more of the upland as a naturalized grassland. The existing cultivated trees in the open areas would be transplanted and grouped into the shelter of the coulees.
- Preparation of a secondary trail at the escarpment edge of River Park to accommodate existing, informal usage. The trail would connect to Crestview Road.
- Alterations at the Sandy Beach recreational area including the removal of the excessive signage, removal or replacement of existing play equipment with equipment more appropriate to the natural quality of the area, and the relocation of some planted trees to open up the field areas for casual sports.

- Rehabilitation of disturbed natural areas on the Britannia Escarpment, planting replacement native trees as necessary along the river bottom and the establishment of a secondary trail to reduce the impact of the present, informal trail patterns.
- A connection of the secondary trail to the 50th Avenue access corridor to the east.
- Construction of a hand boat launch site.

Planning Unit 103

River Edge Land

The facilities and recreational programs of the River Edge Foundation would continue, as would the maintenance of the agricultural character of this landscape.

Recommended is:

- The placement of a marker describing the history of this site.

Planning Unit 104

Calgary Golf and Country Club

The golf course is a major private holding in the landscape of the Elbow River.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XIV - Land Ownership.

Proposed is:

- The possible opening of a dialogue between the Club and representatives of the public on matters of potential mutual interest such as protection of the natural integrity of the river bank, conditional public access to the river edge, and security.

Planning Unit 105

Glenmore Water Plant/Institutional Site

The land around the Glenmore water treatment plant is reserved for the function and protection of the facility. Public access over the dam and through the site, as well as to natural features in the valley below the plant has been established.

Improvements proposed for the area include:

- Restoration of the natural riverine landscape in certain areas below the dam.
- Naturalization of the open landscape around the plant.
- Continuity of a secondary trail along the escarpment top, past the Follansbee Centre.
- Reservation and future development of a site for an experimental, native plant nursery on the land area now partly occupied by the Safety City.

Planning Unit 106

Lakeview Green

The popular public golf course is situated above the scenic north bay of Glenmore reservoir. This crest of the escarpment would also be a key link in the potential continuity of the regional path from Glenmore Park to River Park.

From another perspective, conventional golf course landscapes require artificial, intensive maintenance which is perceived to be incompatible not only with a natural landscape setting but also with the principles of ecological conservation and sustainability.

From the need to change the existing landscape of the golf course to accommodate the regional path the opportunity emerges to convert at least part of Lakeview Green as a model of a naturalized, ecologically sustainable golf links.

Proposed improvements include:

- Re-constructing at least the lakeside portion of the golf course according to principles of natural quality and sustainability.
- Construction of the regional path above the escarpment, connecting it to the Glenmore Causeway, with necessary safety and security provisions.

Planning Unit 107

Bel Aire Escarpment

Panoramic views of the Elbow Valley and mountains are available from this escarpment-top development setback which was dedicated as Environmental Reserve through the process of the subdivision of the adjoining residential area. Access to and along this public open space is presently blocked by private fences.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XIV - Land Ownership.

Proposed is:

- *Discussion with adjoining owners and the possible opening and establishment of a secondary trail to permit pedestrian access to the view point.*

Planning Unit 108

Glenmore Trail Causeway

The Glenmore Trail/14th Street interchange at the east end of the Glenmore causeway is an important visual entranceway to the Elbow River Valley for motorists.

Proposed is:

- Naturalization of the interchange spaces, including the utility corridor adjoining to the north, with groves of trees and a low-maintenance vegetative surface cover of native shrubs and grasses.

Planning Unit 109

Earl Grey Golf Course

Continuous public path access around the Glenmore Reservoir, a major scenic resource for the City, is a major objective of the plan. A key link in the continuity of the path system is along the section of the reservoir edge which is occupied by the Earl Grey Golf Course, a private facility operating on public park land under lease from the City.

In the most recent re-negotiation of the lease, in 1986, an agreement was established between the City and the Club for public path access along the east edge of the golf course.

Proposed further procedures and improvements include:

- Analysis of optional routes and mutual agreement with the Earl Grey Golf Club on the most desirable alignment and form of development for the path.
- Possible development of the terrace and base for the path at the shore.
- Construction of the regional path, including connections to the existing paths at Glenmore Park and at the causeway.

Planning Unit 110

North Glenmore Park

North Glenmore Park comprises the north escarpment and uplands above the Glenmore Reservoir. This park is attractive to people throughout the Calgary region for a variety of general recreational activities, including picnicking, casual sports on the large, open fields, and the enjoyment of scenic vistas from the bank-top paths. One of the largest in Calgary, the park comprises both natural and man-made landscapes with extensive maintenance requirements.

Intense use of the park has also resulted in deterioration of some of the more fragile natural features, particularly those of the escarpment.

Proposed improvements include:

- Control of destructive access to, and stabilization and reclamation of disturbed areas, principally along the escarpment.
- Naturalization of selected areas of the uplands and fields including natural re-vegetation, relocation of horticultural tree plantings which now inhibit use of the open fields and replanting of areas with grasses that will require less maintenance.
- Removal of redundant signs and recreational facilities.

Planning Unit 111

Heritage Park

Situated on a scenic peninsula in the Glenmore reservoir, Heritage Park, a living museum of western Canadian culture and history, is a major attraction for citizens and visitors. It is developed and operated by a non-profit society on public park land. Glenmore Reservoir, Calgary's major lake is a principal recreational resource to the city. The forested escarpments and vistas along the lakeshore, below Heritage Park are uniquely beautiful. The establishment of path around Heritage Park, as the final link in the continuous public access around Glenmore Reservoir, is an important objective of the plan.

Further considerations and intended improvements include:

- Achieving agreement with Heritage Park Society on the placement of the path, and mutual resolution of the design of the path development.
- Recommended construction of the trail on the shore terrace below the park, according to objectives for preservation and public appreciation of the natural elements of the area and for protection of the integrity and

historical theme of Heritage Park.

- Provision of components needed for the security and operation of the Park.
- Future establishment of objectives mutually suitable to Heritage Park and public recreation at Glenmore Park, in the possible further development of the Civic Nursery and marina area which are adjacent to Heritage Park.

Planning Unit 112

South Glenmore Park

The open park space south of Glenmore Reservoir has been used for organized recreational functions including those of the Sailing Club and the Calgary Equestrian Club. The Variety Club of Southern Alberta is proposing facilities for children with special needs, in the park.

Recommendations include:

- Continued use of the site by the Equestrian group subject to resolution of the environmental guidelines for the Glenmore/Weaselhead area.
- Consideration of the expansion of the Sailing Club facilities according to guidelines for the capacity of the Glenmore reservoir for boating.
- Accommodation of the Variety Club park.
- Repair erosion on shore escarpment

Planning Unit 113

Weaselhead

The delta formed by the entrance of the Elbow River into Glenmore Reservoir along with the lowland forest of the Elbow River plain is considered to be a regionally significant, highly varied and productive habitat for wildlife. Because of its ecological value and sensitivity, the Weaselhead is designated for preservation. Continuing intensive human access to the Weaselhead has resulted in destruction of the natural resources.

A major highway crossing of the Weaselhead is planned by the City of Calgary Transportation Department. Because of its impact on the ecological integrity of the Weaselhead, the development of the roadway is not supported in the Urban Park Master Plan.

Proposed improvements at the Weaselhead include:

- Reclamation of disturbed areas.
- Controlled access to minimize disturbance. Retention of existing foot paths, for pedestrian use only, as presently exist along both sides of the river.
- The regional pathway would be confined to one corridor that would be designed to accommodate all permitted users ie. pedestrians, cyclists, equestrians.
- Refurbishing or new construction of the regional trail bridge.
- Establishment of a pedestrian only, interpretive trail loop to increase public understanding of the ecological importance of the Weaselhead and thereby its conservation.

Planning Unit 114

Tsui T'ina Nation (Outside City Limits)

The Elbow River Valley upstream from and adjacent to the City of Calgary is the land of the Tsui T'ina Nation. Utility rights-of-way extend through the Tsui T'ina land, near the river.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park. The legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives

for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XIV - Land Ownership.

Recommended is:

- Collaboration with the Tsuu T'ina Nation in areas of mutual interest pertaining to recreational access and use of the Elbow River Valley.

Planning Unit 115 Clearwater

The quarter-section of land which was the site of a private recreation park, was acquired by the City of Calgary as one result of a previous plan examining access and recreational potential in the Elbow River Valley upstream from Calgary.

Proposed long-term improvements at Clearwater include:

- Preparation of a an access site for river craft, fishing and hiking along accessible parts of the Elbow River upstream from Calgary. The possible future extension of trails and public access along the river is subject to resolution of regional land use and ownership issues.
- Continuation of existing group camp programs which include the restoration of the natural quality of the Clearwater site.

**5.5.5
ELBOW RIVER VALLEY PLANNING UNITS
DEVELOPMENT PRIORITIES MATRIX**

FIGURE XI

POTENTIAL URBAN PARKS PROGRAM FUNDING



- A-1 High Priority for Implementation by UPP Funds
A-2 Medium Priority for Implementation by UPP Funds
A-3 Low Priority for Implementation by UPP Funds
B Priority (Other Funding Sources)
C Long-Range Priority

Prior to the implementation of all projects, detailed design studies will be completed with opportunities for the public, community associations and special interest groups to review and provide input into the proposed design.

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
76	Fort Calgary	Naturalized	Natural landscape Fort demonstration Goose Island habitat Archaeology Renewed Museum Regional path Secondary trail Historic site marking	\$3,000,000	\$50,000 contribution	Fort Society	A-2
77	Rail Yards	Manicured	Historical siding	\$100,000	\$25,000 contribution	Owner	A-3
78	East Railway Bluff	Preserved/ Naturalized	Environmental clean-up Secondary path	\$75,000	\$75,000	Owners	A-2
79	Bus Barn	Naturalized	Natural edge	\$25,000		City Transportation Dept.	B
80	Victoria Park	Manicured/ Naturalized	Regional path	\$10,000	\$10,000		A-2
81	Scotsman's Hill	Preserved/ Naturalized	Stabilize escarpment Naturalize terrace Improve regional path	\$75,000	\$75,000	Stampede	A-1
82	Stampede Grounds	Manicured/ Naturalized	Regional path-promenade	\$300,000	\$100,000 contribution	Stampede	A-3

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
83	Stampede South Bank	Manicured/ Naturalized	Regional path improvements Park entrance/river bank park Reader Rock Garden/Cemetery historical upgrading Historic site marking	\$50,000 \$250,000 \$75,000	\$20,000 \$25,000 contribution	Stampede Parks	A-3
84	Spiller Road Industrial	Manicured	Landscape of industrial site boulevards	\$50,000		City Engineering Dept.	C
85	Erlton Station	Naturalized	Landscape of station grounds	\$30,000	\$30,000		A-1
86	Erlton-Macleod Trail	Manicured/ Naturalized	Landscape of boulevard and front yard on Macleod Trail	\$100,000		Developer	C
87	Macleod Trail Frontage at Lindsay Park	Naturalized	Landscape of east slopes and boulevards	\$40,000	\$40,000		A-1
88	Macleod Trail Crossing-Elbow Park Inn & St. Mary's School	Preserved/ Naturalized	Protected natural riverbank in private development Improved natural riverbank along school yard	\$50,000	\$10,000 contribution	Owner	A-3
89	Cathedral/Station	Manicured/ Naturalized	Improved natural riverbank Cathedral Square Improved pedestrian bridge Historic site marking	\$25,000 NA NA	\$25,000 \$30,000 contribution \$3,000	Project Group City	A-1 A-3 B A-2
90	Lindsay Park	Preserved/ Manicured	Conserved natural park			City Parks Maintenance	B
91	Mission Grounds	Manicured	Historic site marking	\$1,000	\$1,000		A-2
92	Holy Cross Hospital	Naturalized	Stabilized riverbank Secondary trail	\$25,000	\$25,000		A-1
93	Mission West Bank	Naturalized	Pedestrian crossing Secondary trail and restored riverbank Secondary trail on street boulevards	\$250,000	\$200,000 contribution		A-2 A-1 A-2
94	Erlton River Bank	Naturalized	Landscape of riverbank improve regional path	\$100,000	\$40,000 contribution	Developer	A-3
95	Cliff Bungalow Glencoe Escarpment	Preserved/ Manicured	Secondary paths on street boulevards and Glencoe escarpment	\$50,000	\$50,000		A-2

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
96	Elbow Island Park	Preserved	Restored park	\$5,000	\$5,000		A-1
97	Mission Bridge 26th Avenue River Front	Manicured/ Naturalized	Regional path promenade	\$120,000	\$120,000		A-2
98	Elbow Drive/Woods Park	Naturalized	Planting Woods Park Secondary, connecting routes on street boulevards Restored Reader garden Improved regional path	\$100,000	\$100,000		A-2
99	Stanley Park	Manicured/ Naturalized	Naturalized areas	\$25,000	\$25,000		A-1
100	Elbow Park	Manicured/ Naturalized	Sifton Boulevard promenade Secondary trail routes on street boulevards	\$200,000	\$200,000		A-2
101	Riverdale	Manicured/ Naturalized	Secondary trail route on street boulevard Landscape of interchange	\$10,000	\$10,000		A-2
102	River Park/Sandy Beach/ Brittania Escarpment	Preserved/ Naturalized	Improved secondary trail through west River Park Naturalized River Park upland Improved Sandy Beach park Restore West Britannia Escarpment with secondary trail	\$185,000	\$185,000		A-1
103	River Edge Land		Maintained landscape and historic marking	\$1,000	\$1,000		A-2
104	Calgary Golf and Country Club	Manicured					
105	Glenmore Water Plant/ Institutional site	Naturalized	Naturalized open space with secondary trail past Follansbee Centre Native plant nursery (site) Historical marking	\$30,000	\$30,000		A-2
106	Lakeview Green	Manicured/ Naturalized	Naturalized portion of golf course	\$250,000	\$250,000		A-2
107	Bel Aire Escarpment	Preserved/ Naturalized	Secondary trail	\$5,000	\$5,000		A-2
108	Glenmore Trail Causeway	Naturalized	Naturalized interchange landscape	\$150,000	\$75,000 contribution	City Streets & Parks	A-3
109	Earl Grey Golf Course	Naturalized	Regional path along lakeshore	\$400,000	\$225,000 contribution	City Waterworks	A-3

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
110	North Glenmore Park	Preserved/ Naturalized	Restored stabilized natural areas Naturalize open spaces	\$100,000	\$100,000		A-1
111	Heritage Park	Preserved/ Manicured	Regional path at shoreline	\$250,000	\$250,000		A-2
112	South Glenmore Park	Preserved/ Naturalized	Equestrian facilities Sailing Club Erosion repair	NA NA \$30,000	\$30,000	By individual organizations	A-1
113	Weaselhead	Preserved	Restored preservation area Interpretive trail Bridge repairs	\$100,000	\$100,000		A-1
114	Tsuu T'ina Lands		Collaborative management				
115	Clearwater	Preserved/ Naturalized	Upstream staging		\$10,000		A-2

POTENTIAL UPP EXPENDITURE ELBOW RIVER VALLEY

\$2,550,000

n.b. Capital costs do not include land acquisition

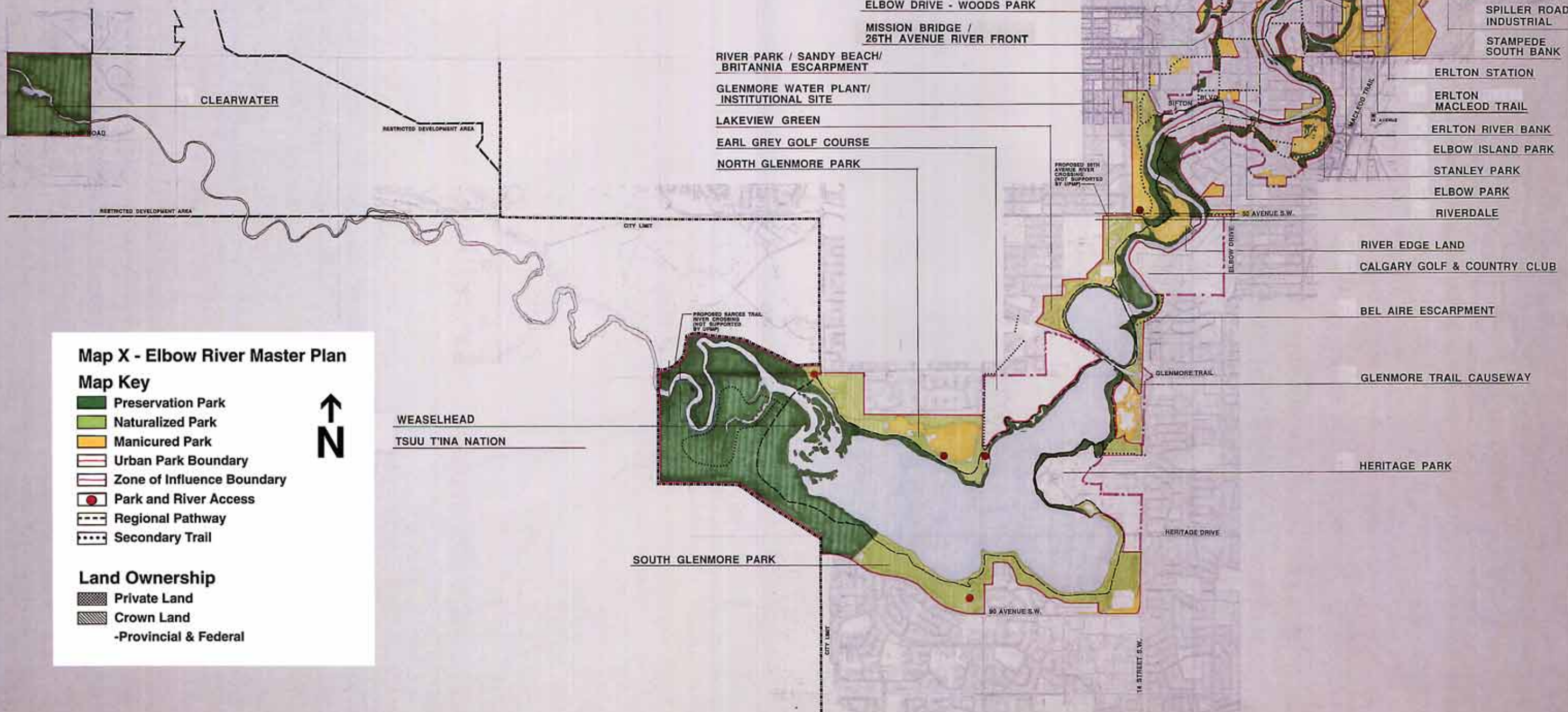
Map X - Elbow River Master Plan

Map Key

- Preservation Park
- Naturalized Park
- Manicured Park
- Urban Park Boundary
- Zone of Influence Boundary
- Park and River Access
- Regional Pathway
- Secondary Trail

Land Ownership

- Private Land
- Crown Land
- Provincial & Federal

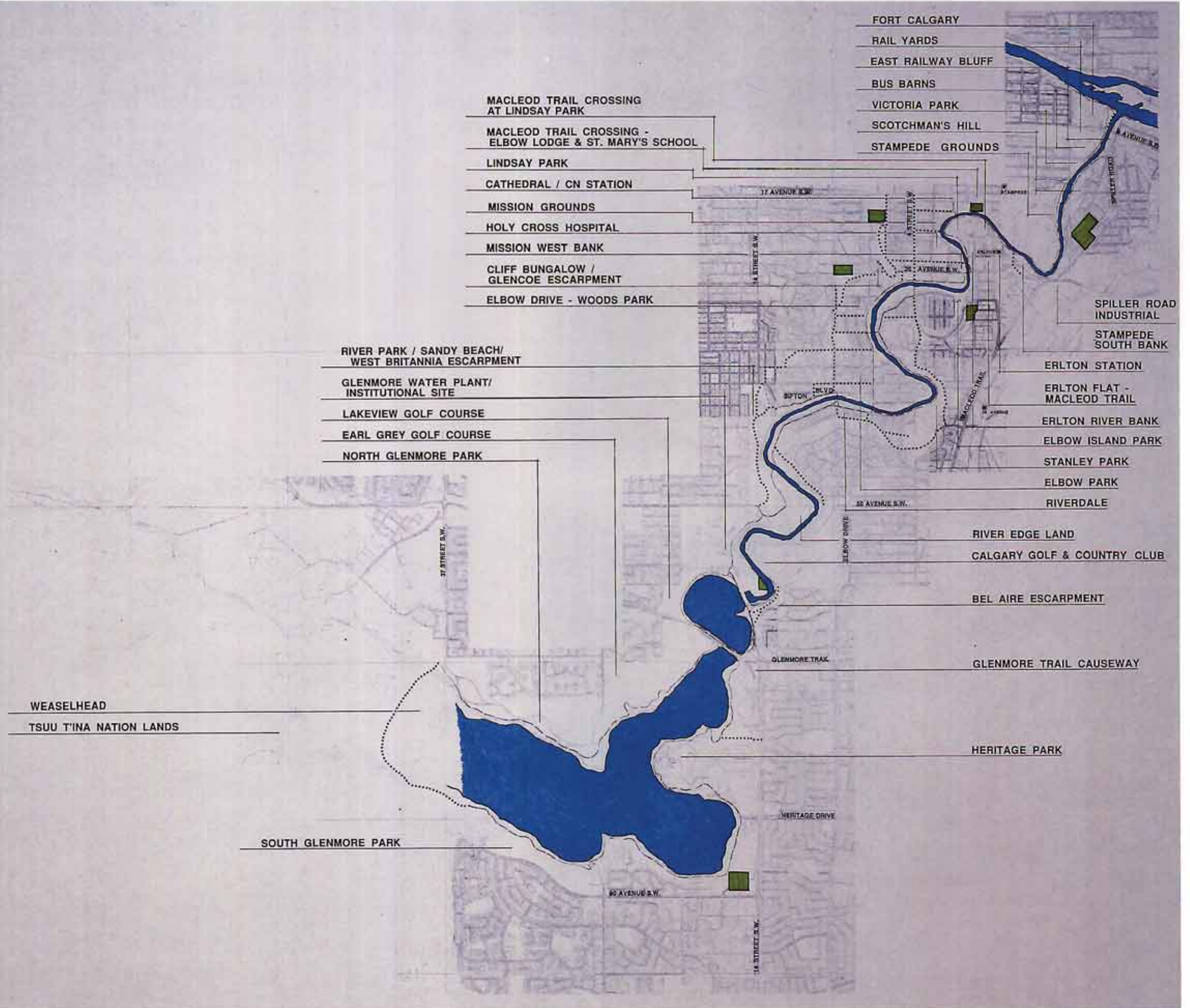




Elbow River Master Plan

Land Ownership

- Private Land
- Crown Land - Provincial & Federal



5.5.6

ELBOW RIVER PLANNING UNITS LAND ACQUISITION MATRIX

FIGURE XII

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
76	Fort Calgary					City
77	Rail Yard				Possible project by owner with UPP collaboration	CPR & City (St.)
78	East Railway Bluff					City/CPR
79	Bus Barn					City
80	Victoria Park					City
81	Scotsman's Hill				Collaborative project with Stampede	City/Stampede
82	Stampede Ground				Collaborative project with Stampede	City/Stampede
83	Stampede - South Bank				Collaborative project with Stampede & City	City/Stampede
84	Spiller Rd. Industrial					City/Saddleview Industrial
85	Erfton Station					City
86	Erfton - Macleod Tr.			Negotiation via land-use re- designation of public lands	Development by owner according to By-law and Development Approval	City and Various Private
87	Macleod Tr. Frontage at Lindsay Park					City
88	Macleod Tr at Elbow Inn/St. Mary's					City
89	Cathedral/Station					City/Institution
90	Lindsay Park					City
91	Mission Grounds					Sacred Heart Convent

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
92	Holy Cross Hospital Riverbank					City
93	Mission West Bank					City
94	Erlton River Bank		Existing DC, R2, RM1,; Future high density residential		Development by owner according to Development By- law & Approval and Environmental Reserve Requirements	City and Various Private
95	Cliff Bungalow/Glencoe Escarpment					City/School Board
96	Elbow Island Park					City
97	Mission Bridge 26th Ave. Riverfront					City
98	Elbow Dr./Woods Park					City
99	Stanley Park					City
100	Elbow Park					City
101	Riverdale					City
102	River Park/Sandy Beach/ Britannia Escarpment					City/Transalta
103	River Edge Land					City/Crown
104	Calgary Golf & Country Club				Discuss possible access easement with owner	Private/City
105	Glenmore Water Plant/ Inst. Area					City/Calgary Golf & Country Club
106	Lakeview Green					City
107	Bel Aire Escarpment					City
108	Glenmore Tr. Causeway					City

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
109	Earl Grey Golf Course				Agreement for Trail access according to lease	City-Leased
110	North Glenmore Park					City/Transalta
111	Heritage Park				Negotiate for continuous pedestrian access with Heritage Park Society	City-Leased
112	South Glenmore					City
113	Weaselhead					City
114	Tsuu T'ina Lands					Tsuu T'ina Nation
115	Clearwater					City

5.5.7 BIBLIOGRAPHY

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Nose Creek



5.6 NOSE CREEK

5.6.1 ACKNOWLEDGMENTS

The Urban Park Master Plan for Nose Creek/ West Nose Creek was created and influenced by many people. We want to acknowledge the following for their assistance.

Nose Creek Planning Advisory Committee dedicated many evenings, attending meetings, generating ideas, reviewing plans, and evaluating options. Membership included:

Bill Morrison	Highland Park Community Association
Al McDowell	Highland Park Community Association
Al Munro	Thorncliffe/Greenview Community Association
Jack Segstro	Thorncliffe/ Greenview Community Association
Brenda Knippshild	Beddington Heights Community Association
Leo De Groot	Huntington Hills Community Association
Marty Way	Winston Heights/ Mountview Community Association
Karl Voth	Buffalo Rock Hills Community Association
Greg Jones	Sandstone Valley Community Association
Bruce Roper	Sandstone Valley Community Association
Art Jordan	Renfrew Community Association
Rolf Hauser	Crossroads Community Association
Paul Spencer	Bridgeland/Riverside Community Association
Sara-Jane Gruetzner	Calgary Parks & Recreation
Bir Dhol	Planning & Building Department
Dave Ellis	Calgary Parks & Recreation

Matrix Landscape Architecture

Jim Patterson
Bernie Amell

Biophysical Team

Gaia Consultants Inc.
Sentar Consultants Inc.

5.6.2 INTRODUCTION

Nose Creek and West Nose Creek combine to flow almost 30 kilometres from far north Calgary through a variety of natural and man-made landscapes, to join the Bow River just east of downtown Calgary. In the far north, where each creek is only a tiny stream, the broad valleys along each bank are largely undeveloped grazing land, with pending urban development being the major issue facing the parks plan. Further south, Nose Creek is dominated by urban development, as the creek passes through light industrial areas, residential neighborhoods and various other land uses. In much of this area the creek seems to be a leftover element of the urban fabric: it flows behind buildings, under roads, and is largely out of sight to the public. Further downstream, the valley is broad and open, however the creek seems less prominent as it parallels Deerfoot Trail and the north - south spur of the CPR railroad track. Large undeveloped areas, variable in the degree of environmental damage from past use and misuse, offer great opportunity for valley open space.

Nose Creek and West Nose Creek differ from the Bow and Elbow rivers, obviously in size, but also in the source and quality of water flowing in them. Prior to surrounding urban development, Nose Creek was a clean trout stream with natural meandering banks, supplied by runoff and small springs. In recent years, flow of the creeks consists increasingly of runoff from urban areas, resulting in a significant reduction in water quality. Urban development has also increased downstream flooding, as rain water reaches the creeks faster over paved surfaces of urban areas. In response to flooding potential and localized erosion problems, extensive lengths of Nose Creek have been straightened and channelized, eliminating natural meanders and vegetation which previously cleansed the flow of sediment and impurities.

Several major issues affect the establishment of a naturalized valley open space along these two creeks:

Rapid urban development is imminent in the far north, presenting issues of increased need for all types of recreational open space, increased stormwater runoff, reduction of existing open space, reduction of wildlife habitat and loss of the current pastoral visual character of the area.

Reclamation and naturalization of the remaining creek corridor in areas where it was ignored and blighted by past urban development, will be a complex problem in many areas in the central area of the watersheds.

It is important to create access to the valley open space from adjoining neighborhoods and provide a continuous recreational open space corridor along the creeks.

Water quality of the creek must be improved if the open space is to regain natural character.

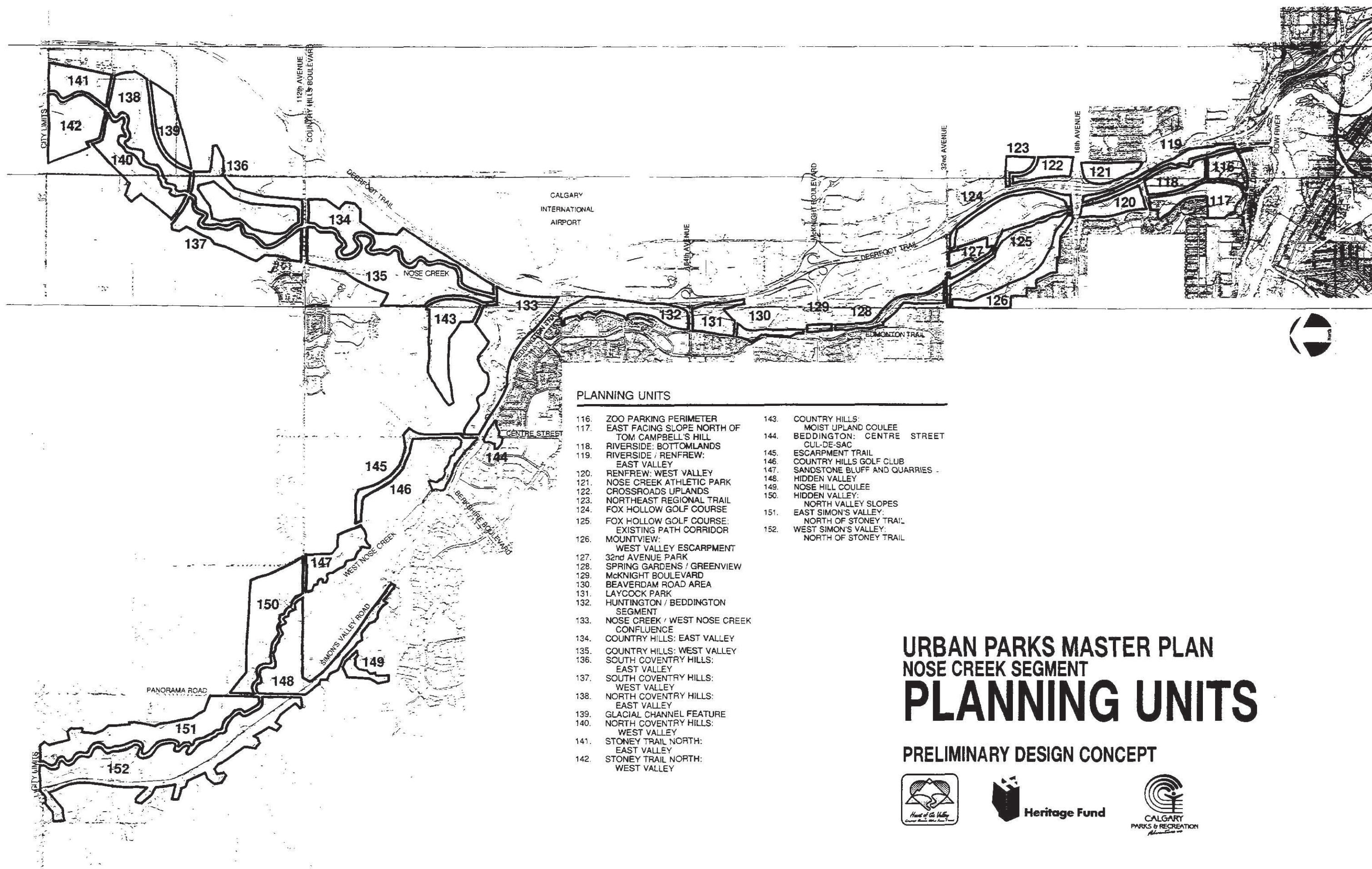
This plan, developed by the Nose Creek Planning Advisory Committee, in response to the Urban Parks Master Plan Vision Statement and the planning issues summarized above, makes a variety of recommendations for the long term preservation and development of a continuous, naturalized open space along Nose Creek and West Nose Creek. The recommendations, while extensive and detailed, may be generalized into the following categories:

1. Provide passive recreation facilities and opportunities with emphasis on development of a continuous river valley park corridor.
2. Protect habitat and environment of existing valuable natural areas, (Preservation Parks) with a detailed analysis of these areas prior to residential development.
3. Improve public access to and public awareness of the creeks and valleys as recreational open space.
4. Acquire land where necessary, to provide parkland along the creeks, retain important views and visual character, and enhance the visibility of the creek to the public.
5. Improve water quality of the creeks. Storm water quality can be improved through cooperation with developers, to create naturalized ponds and wetlands which will retain stormwater and improve water quality. Pollutants from industry and land management practices such as heavy fertilization and chemical snow removal should be reduced through negotiation and new regulations.
6. Naturalize land and creek banks which have been degraded by past development or land use.
7. Increase and improve natural habitat for wildlife, especially important movement corridors between existing natural areas.
8. Establish guidelines for future development of certain key areas adjoining the creek valleys, to retain important views and visual and environmental character.

MAP XI - NOSE CREEK PLANNING UNITS

Planning Units Map

The Urban Park Master Plan planning units evolved from the original study area as a means of organizing and locating information. They describe areas with similar themes, geography, landscape type and/ or planning recommendation. Planning unit boundaries are not necessarily the proposed Urban Park boundary and may include land that is not recommended for inclusion in the Urban Park Master Plan.



PLANNING UNITS

- | | |
|-----------------------------------|-----------------------------------|
| 116. ZOO PARKING PERIMETER | 143. COUNTRY HILLS: |
| 117. EAST FACING SLOPE NORTH OF | MOIST UPLAND COULEE |
| TOM CAMPBELL'S HILL | 144. BEDDINGTON: CENTRE STREET |
| 118. RIVERSIDE: BOTTOMLANDS | CUL-DE-SAC |
| 119. RIVERSIDE / RENFREW: | 145. ESCARPMENT TRAIL |
| EAST VALLEY | 146. COUNTRY HILLS GOLF CLUB |
| 120. RENFREW: WEST VALLEY | 147. SANDSTONE BLUFF AND QUARRIES |
| 121. NOSE CREEK ATHLETIC PARK | 148. HIDDEN VALLEY |
| 122. CROSSROADS UPLANDS | 149. NOSE HILL COULEE |
| 123. NORTHEAST REGIONAL TRAIL | 150. HIDDEN VALLEY: |
| 124. FOX HOLLOW GOLF COURSE | NORTH VALLEY SLOPES |
| 125. FOX HOLLOW GOLF COURSE: | 151. EAST SIMON'S VALLEY: |
| EXISTING PATH CORRIDOR | NORTH OF STONEY TRAIL |
| 126. MOUNTVIEW: | 152. WEST SIMON'S VALLEY: |
| WEST VALLEY ESCARPMENT | NORTH OF STONEY TRAIL |
| 127. 32nd AVENUE PARK | |
| 128. SPRING GARDENS / GREENVIEW | |
| 129. McKNIGHT BOULEVARD | |
| 130. BEAVERDAM ROAD AREA | |
| 131. LAYCOCK PARK | |
| 132. HUNTINGTON / BEDDINGTON | |
| SEGMENT | |
| 133. NOSE CREEK / WEST NOSE CREEK | |
| CONFLUENCE | |
| 134. COUNTRY HILLS: EAST VALLEY | |
| 135. COUNTRY HILLS: WEST VALLEY | |
| 136. SOUTH COVENTRY HILLS: | |
| EAST VALLEY | |
| 137. SOUTH COVENTRY HILLS: | |
| WEST VALLEY | |
| 138. NORTH COVENTRY HILLS: | |
| EAST VALLEY | |
| 139. GLACIAL CHANNEL FEATURE | |
| 140. NORTH COVENTRY HILLS: | |
| WEST VALLEY | |
| 141. STONEY TRAIL NORTH: | |
| EAST VALLEY | |
| 142. STONEY TRAIL NORTH: | |
| WEST VALLEY | |

URBAN PARKS MASTER PLAN
NOSE CREEK SEGMENT
PLANNING UNITS

PRELIMINARY DESIGN CONCEPT



5.6.3 PLANNING UNITS DESCRIPTION

The main features of the proposed Urban Park Master Plan for Nose Creek/West Nose Creek are more specifically described on the basis of the following planning units.

Planning Unit 116 Zoo Parking Perimeter

This narrow strip of land between the north zoo parking lot and Nose Creek, extending south under the Memorial Drive bridge will be improved by naturalization of the streambanks. Trees will help reduce the visual impact of the Memorial Drive bridges.

Proposed improvements:

- Upgrading Regional Pathway
- Upgrading pedestrian/bicycle access from zoo parking lot
- Earthwork and boulder placement to naturalize creek banks
- *Naturalized plantings along streambank*
- Tree plantings

Planning Unit 117 East Facing Slope North of Tom Campbell's Hill

Extending north from the area currently being naturalized by a community group, to 8th Ave. N.E., this hillside will be reclaimed as a naturalized area.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space where appropriate arrangements cannot be made with the land owners to have the land function as part of the park. The legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed actions:

- Acquisition of a parcel to provide continuity to 8th Avenue
- Regeneration/replanting of prairie grasses
- Construct secondary trail to link neighborhood to regional pathway
- Connect trail between existing river bottom trail and Tom Campbell's Hill
- Work with TransAlta to plant trees to screen view of power transmission lines
- Facilitate connection to the east-end of north escarpment trail along residential street

Planning Unit 118

Riverside: Bottomlands

The lowland area extending from the creek to the bottom of Tom Campbell's Hill has been extensively disturbed by abandoned development attempts. It will be developed primarily as a manicured family recreation park, with preserved/naturalized area corridors along the creek and west to Tom Campbell's Hill.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVIII - Land Ownership.

Improvements :

- Group and individual picnic areas
- Washrooms
- Parking areas
- Wetland areas and possible skating lagoon
- Playground
- Closure of St. George's Drive at 8th Avenue
- Extension of Regional Pathway to 8th Avenue parking area
- Plantings to create wildlife habitat connection from creek corridor to Tom Campbell's Hill
- Low weir in creek to create pond (to reduce silt load and enhance aeration)
- Interpretation of habitat

Planning Unit 119

Riverside / Renfrew: East Valley

This narrow area between Nose Creek and Deerfoot Trail extends from Memorial Drive to 16th Avenue. It has remained relatively protected from impact since it is across the creek from neighborhoods. It currently provides reasonably good wildlife habitat, and will remain as a preserved area, with accessibility continuing to be limited. However, there is a strong negative influence from traffic noise on the Deerfoot, and this plan proposes construction of sound attenuation walls along with mounding for sound reduction where possible without extensive habitat destruction.

Planning Unit 120

Renfrew: West Valley

Extending along the lower terrace and hillside west of the creek from 8th Avenue to 16th Avenue, this relatively well preserved open area is bisected by a heavily wooded ravine. Construction of the raised railway bed blocked the drainage from this ravine and created a moist wetland conducive to riparian forest growth. The unit will be enhanced as a preserved/naturalized area by extending this moist woodland habitat to the south.

Proposed improvements :

- Cooperate with Sewer Division (in ravine below Russell Road) to impound stormwater outfall N9 and create extension of riparian forest and wetland
- Construct new Secondary Trails along existing foot paths to connect neighborhood to pathway along creek
- Riparian forest and wetland plantings
- Plant woody vegetation and prairie grasses in damaged areas.

Planning Unit 121

Nose Creek Athletic Park

The plan proposes that this developed athletic facility continue in its current manicured condition and existing use. A Regional Pathway from 12th Avenue south to 8th Avenue and across Deerfoot on the roadway bridge would link the neighborhood to the Nose Creek trail system.

Proposed Improvements:

- Regional Pathway
- Grass regeneration

Planning Unit 122

Crossroads Uplands

In this area east of Deerfoot Trail, existing natural coulees will be preserved and naturalized. Secondary trails will connect the Vista Heights community to the proposed Northeast Regional Trail to the north.

Proposed development:

- Prairie grass regeneration where damaged by existing footpaths
- Natural plantings in coulees
- Secondary trails
- Plantings to screen view of existing ball diamond at the north end.

Planning 123

Northeast Regional Trail

The Regional Pathway connecting northeast neighborhoods to the Nose Creek trail system will cross Deerfoot Trail on a new pedestrian bridge.

Proposed Improvements:

- Tree plantings to screen views of the industrial area and ballfield.

Planning Unit 124

Fox Hollow Golf Course

The golf course is situated so that it blocks a direct route from the proposed pedestrian bridge over Deerfoot Trail to the Nose Creek trail system.

Proposed improvements:

- Extension of the Regional Pathway to the north and south along the Deerfoot to connect to the creek trail at each end of the golf course.

Planning Unit 125

Fox Hollow Golf Course: Existing Path Corridor

The existing Regional Pathway extends through a narrow fenced corridor between the Fox Hollow Golf Course and the Elks Golf Course.

Proposed improvements:

- Enhancement of this area with plantings to partially screen view of the fences and major structures such as the golf dome
- Narrow widening of the corridor by relocating portions of the Elks course fence 6-10 metres to the west.

Planning Unit 126
Mountview: West Valley Escarpment

The slope along the west edge of the Elks Golf Course is currently leased by the golf course from the City, but not used. This area will be enhanced as a preserved/naturalized area with selected plantings, along a new Regional Pathway connecting the Nose Creek path system with a bicycle route to Confederation Park. Further north, along 6th Street, land will be acquired and Secondary Trail installed, extending to 32nd Avenue.

Proposed improvements include:

- Regional pathway
- Secondary trail
- Naturalized plantings on slope
- Selective prairie grass regeneration

Planning Unit 127
32nd Avenue Park

This land is owned by the City and used as a storage yard. The plan proposes acquisition of two parcels, which will involve a land-swap with the Fox Hollow Golf Course, to create a widened parcel for a manicured park.

Proposed improvements :

- Land acquisition
- Group and individual picnic facilities
- Regional pathway improvements
- Tree plantings

Planning Unit 128
Spring Gardens / Greenview

In this planning unit, the trail currently winds its way in a narrow corridor through the industrial area. Construction of pedestrian bridges and re-routing of the trails, along with improvements to the creek banks will enhance this length of the trail system, from 32nd Avenue to McKnight Boulevard. Changing the Regional Pathway to the west side of the creek creates better access to the adjacent neighborhoods. A manicured, family recreation park will be developed north of the city electric site.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valleylands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements include:

- Acquisition of trail access along west bank of creek
- Two pedestrian bridges
- Regional Pathway
- Earthwork and riparian plantings to naturalize creek banks
- New parking area at 32nd Avenue
- Tree and woody shrub plantings
- Washrooms
- Playground

Planning Unit 129

McKnight Boulevard

At the intersection of McKnight Boulevard and Nose Creek, limited park development will be created on each side of the road to create a visible connection to the creek open space and trail system. Signage will provide direction to Laycock Park and the new park at Spring Gardens/Greenview. A unique opportunity exists here for a public/private partnership with nearby businesses in development of the parks.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space where appropriate arrangements cannot be made with the land owners to have the land function as part of the park. The legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map ??? Land Ownership.

Proposed improvements:

- Acquisition of land along creek to provide continuous corridor on each side (High priority for acquisition)
- Riparian plantings along creek
- Regional Pathway
- Tree plantings

Planning Unit 130

Beaverdam Road Area

This planning unit links Laycock Park with the trail system to the south, through an industrial area flanking the creek. A new Regional Pathway on the east side of Nose Creek will connect the existing parking lot to the trail system.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements:

- Acquisition and naturalization plantings along the east side of Nose Creek
- Earthwork and riparian plantings to create wetland area and naturalize streambanks
- New Regional Pathway
- *Tree and woody vegetation plantings to screen industrial area*

Planning Unit 131 Laycock Park

This park is a large, open, manicured family recreation park, which will retain its current use. The plan proposes additional secondary trails linking the adjacent neighborhood, and naturalization improvements along the creek.

Proposed improvements:

- Secondary Trail
- Earthwork and boulder placement to naturalize streambank and storm outfall
- Riparian plantings along creek
- Naturalization plantings east of CPR tracks and existing parking lot

Planning Unit 132 Huntington / Beddington Segment

This hillside extending in a narrow corridor between the creek and Deerfoot Trail, from 64th Avenue to Beddington Trail, has been heavily impacted by creek channelization, rail line construction and a gravel extension of 6th Street. It will be upgraded with a Regional Trail and naturalization of the slope and streambanks.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements :

- Regional Pathway
- Secondary Trail connections to adjacent neighborhoods
- Earthwork and riparian plantings to naturalize creek banks
- Naturalization plantings (woody vegetation and prairie grass regeneration)

Planning Unit 133 Nose Creek / West Nose Creek Confluence

This area, including the confluence of the two creeks and extending along West Nose Creek to Centre Street, is one of the most important sectors of the Nose Creek open space system. The confluence of the two creeks has great symbolic, historic and aesthetic value and potential. Unfortunately, while much of the west part of this valley is generally well preserved, the area directly around the intersection of the creeks and the upland just west of the confluence has suffered neglect and environmental damage.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

The plan proposes upgrading this as a key preserved/naturalized park with preservation, habitat enhancement, educational/interpretive information, trails and a parking area.

Proposed actions:

- Regional Pathways - limited to uplands in west segment
- Earthwork, boulder placement and riparian plantings to naturalize creek
- Plantings to extend existing riparian woodland and marsh
- Naturalization plantings (woody vegetation and prairie grass regeneration)
- New Parking
- Washrooms
- Establish renaturalization of Beddington Trail R.O.W.

Planning Unit 134

Country Hills: East Valley

The area on the east side of Nose Creek, extending north to Country Hills Boulevard, is undeveloped pasture land. The valley is broader than further south and the creek remains unchannelized in its meandering alignment. Much of the area is undevelopable due to flood plain, steep slopes or location within the airport flight path noise zone. The plan proposes acquisition of a large area to create a preserved/naturalized park.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed actions:

- Acquisition of land
- Secondary Trails
- Regional Pathway on top of escarpment to the east
- Retain limited accessibility from adjacent neighborhoods
- Preserve natural character of vegetation and landform
- Establish development and building controls in area to the east, to protect natural visual character of valley

Planning Unit 135

Country Hills: West Valley

Similar in visual character to the east side of the creek, this area will be more accessible to neighborhoods. It will be upgraded primarily as a preserved/naturalized park.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements:

- Acquisition of land to retain valley intact
- Regional Pathways along creek and west of CPR line with connections to adjacent neighborhoods
- In-stream weir to create wetland areas
- Riparian forest and wetland plantings in existing low areas
- New parking area at 112th Avenue
- Plantings (woody vegetation and prairie grass regeneration)

Planning Unit 136
South Coventry Hills: East Valley

In this area extending north of Country Hills Boulevard, land acquisition will provide unbroken preserved/naturalized open space along the east side of Nose Creek and along the escarpment east of the creek. Enhanced wetland areas will provide storm water control and water quality improvements. The plan strongly recommends development of a regional athletic park as an appropriate adjacent use. Decisions for placement of other river valley facilities along the creek assume that this area will become an athletic park..

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park. The legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed actions:

- Acquisition of corridors along the creek and slope to the east
- Encourage open space use of balance of area (such as regional athletic park)
- Regional Pathway along east escarpment
- Secondary Trail along east bank of creek
- Riparian forest and wetland plantings in low areas
- Plantings (woody vegetation and prairie grass regeneration)

Planning Unit 137
South Coventry Hills: West Valley

This undeveloped slope extends along the west side of Nose Creek, from Country Hills Boulevard, north to a future major road R.O.W. Land to the west is being planned for development in the near future. The Urban Parks Plan proposes acquisition of land for a preserved/naturalized area. A significant opportunity exists to cooperate with developers to create storm water ponds and wetlands which would accommodate increased storm water runoff while providing added wildlife habitat and improved water quality.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements :

- Land acquisition
- Twinned Regional Pathways: along creek and along west edge of CPR tracks for access to neighborhoods - Existing utility corridors are the preferred location for routing trails
- Naturalized stormwater retention ponds and wetland areas
- Riparian forest and wetland plantings
- In-stream weir to create wetland areas and enhance water quality

Planning Unit 138
North Coventry Hills: East Valley

Extending along the east side of Nose Creek, north to the future alignment of Stoney Trail, this area is also undeveloped and is lightly disturbed grazing land with a natural creek alignment. The valley is narrower here than areas north and south, and the upland areas are outside of the flood plain and available for development. The plan calls for acquisition of land to retain contiguous valley open space as a preserved park with some minor naturalization to enhance the habitat character. The area would have relatively limited access to trails.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements:

- Land acquisition
- Regional Pathway and bridge across Nose Creek
- Secondary Trails
- Protect natural character of slope areas
- Riparian forest and wetland plantings in low areas
- Woody vegetation and prairie grass plantings

Planning Unit 139
Glacial Channel Feature

This glacial outwash channel is valuable as a geologic feature to be preserved and as wildlife habitat. The area is relatively inaccessible and in reasonably good condition, however the upland areas are eligible for development. The plan calls for acquisition and minor improvements for the area to function as a preserved/naturalized park.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed action:

- Reserve land for pathway along the escarpment
- Secondary Trail along the bank
- Interpretive/educational displays along trail
- Maintain wetland conditions
- Woody vegetation and prairie grass plantings
- Establish development and building guidelines for area to the east which would preserve the visual character of the area

Planning Unit 140

North Coventry Hills: West Valley

This area extends along the west side of Nose Creek, north to the future Stoney Trail R.O.W. Land to the west will probably be developed in the near future. This plan proposes acquisition of land for a preserved/naturalized park. Similar to South Coventry Hills: West Valley, there is an opportunity here to cooperate with developers to create storm water ponds and wetlands which would accommodate increased storm water runoff while providing added wildlife habitat and improved water quality.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements :

- Land acquisition
- Twinned Regional Pathways: one east and one west of CPR tracks with priority on usage of existing utility corridors, for access to neighborhoods, and future pathway along Stoney Trail
- Naturalized stormwater retention ponds and wetland areas
- Riparian forest and wetland plantings
- In-stream weir to create wetland areas and enhance water quality

Planning Unit 141

Stoney Trail North: East Valley

Extending along the east side of Nose Creek, north from Stoney Trail to the City Limits, this area is lightly disturbed, undeveloped grazing land with a natural creek alignment. The valley is wider again than the area to the south; the slopes defining the edge of the valley are well away from the creek. The plan calls for acquisition of land to retain contiguous valley open space, with minor naturalization improvements to enhance the habitat character.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements:

- Land acquisition
- Secondary Trail
- Protect natural character of vegetation and landform
- Riparian forest and wetland plantings in low areas
- Woody vegetation and prairie grass regeneration

Planning Unit 142

Stoney Trail North: West Valley

This area extends along the west side of Nose Creek, north from Stoney Trail R.O.W. to the City Limits. This plan proposes acquisition of land for a preserved/natural park. Similar to other areas on the west side of the creek, an opportunity exists to cooperate with developers to create storm water ponds and wetlands which would accommodate increased storm water runoff while providing added wildlife habitat and improved water quality.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements :

- Land acquisition east and west of CPR tracks
- Parking area at north end of Regional Pathway
- Regional Pathway connecting to future Stoney Trail pathway at the south, and to a future north extension out of the city
- Secondary Trail
- Naturalized stormwater retention ponds and wetland areas
- Riparian forest and wetland plantings in new wetland areas and existing moist meadow west of CPR tracks
- Woody vegetation and prairie grass regeneration plantings
- Encourage Stoney Trail flyover design to accommodate wildlife movement and north-south pathway
- Encourage Regional Pathways along each side of Stoney Trail , linking Nose Creek path system west to Nose Hill and TransCanada Highway

Planning Unit 143

Country Hills: Moist Upland Coulee

This undisturbed coulee draining into West Nose Creek provides good wildlife habitat, surrounded by developable land. The plan proposes acquisition of the west portion of the coulee by a land swap using city owned employment district land. The area would be preserved and enhanced as a wildlife habitat area with no trail access.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park. The legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed action:

- Land acquisition (Identified as high priority for acquisition)
- Preserve natural vegetation and landform
- Acquire and preserve slope to the north along future 96th Avenue
- Woody vegetation plantings

Planning Unit 144

Beddington: Centre Street Cul-De-Sac

Centre Street will be closed and a cul-de-sac constructed at the top of the south bluff of West Nose Creek. This will provide an opportunity for a parking lot and access point for the trail system.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements:

- Parking lot
- Regional Pathway link to Pathway north of creek
- Tree plantings

Planning Unit 145

Escarpment Trail

In an area upstream of Centre Street, extending to just past the future Country Hills Boulevard alignment, public access along the creek has been blocked by development of the Country Hill Golf Club. This plan proposes bypassing this area with two trail routes: one trail along Beddington Trail will connect to neighborhoods to the south; a trail up Harvest Hills Boulevard and along the top of the escarpment will provide a scenic route with access from neighborhoods to the north.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements:

- Acquisition of continuous land corridor along top of escarpment (Identified as a high priority for acquisition)
- Parking lots at Harvest Hills Boulevard and Country Hills Boulevard
- Regional Pathways
- Secondary Trail
- Prairie grass regeneration plantings
- Tree plantings

Planning Unit 146

Country Hills Golf Club

The golf course occupies both banks of West Nose Creek and most of the valley, excluding public access to the creek. No trails are anticipated except a Regional Pathway crossing the creek at Country Hills Boulevard.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other

than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII Land Ownership.

Proposed improvements:

- Regional pathway crossing

Planning Unit 147 Sandstone Bluff and Quarries

This area contains the most important visual landmark in the Nose Creek valley. The prominent sandstone outcropping is highly visible from many areas of the creek valley and the south valley slopes. There is significant educational potential to interpret the geomorphology and historic use. The area is undeveloped and well-preserved, however the land directly north and above the escarpment is highly desirable for residential development. The plan recommends acquisition of key areas for scenic preservation and utilization of the area as a preserved park, with limited naturalization improvements. It also proposes planning controls for setbacks and building heights in certain areas around the bluff, to maintain scenic integrity of this landmark.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed actions:

- Environmental impact study prior to development
- Land acquisition to protect scenic value of bluff
- Regional Pathways along the top of the bluff and along Beddington Trail
- Secondary Trail along the north bank of the creek, linking to Regional Pathway
- Interpretive and educational information along trails
- Plantings along creek to mitigate view of golf course fence
- Trees, woody vegetation and prairie grass regeneration plantings
- Establishment of planning guidelines for surrounding lands to preserve scenic integrity of the bluff

Planning Unit 148 Hidden Valley

This planning unit includes land along the south side of West Nose Creek from 112th Avenue to the north side of the future Stoney Trail R.O.W., as well as a corridor of land, south along existing Simon's Valley Road. The area will likely be dominated in the future by an interchange of Beddington Trail and Stoney Trail. The plan recommends enhancement of a naturalized wildlife corridor under the interchange and along Simon's Valley to link upper West Nose Creek with Nose Hill.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements:

- Remove road pavement along Simon's Valley Road, regenerate natural planting
- Regional Pathways to Nose Hill coulee, and east and west along the creek
- Secondary Trail
- Plantings to enhance wildlife habitat corridor: trees, woody shrubs, prairie grass regeneration
- Tree plantings to reduce visual impact of road interchange and nearby houses
- Encourage wetlands creation along creek as part of interchange construction

Planning Unit 149

Nose Hill Coulee

This undeveloped coulee connecting into West Nose Creek from the south provides an important link between West Nose Creek valley and Nose Hill. With surrounding land slated for future development, this coulee will be preserved and enhanced as a wildlife corridor with dense plantings and connected to the valley trail system with a Regional Pathway.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements:

- Land acquisition
- Regional Pathway
- Plantings to enhance wildlife habitat corridor: trees, woody shrubs, prairie grass regeneration

Planning Unit 150

Hidden Valley: North Valley Slopes

This broad valley slope is undeveloped grazing land, largely available for future development with only a small area that is too steep for building. The area will be acquired to preserve continuity of the open space and the viability of the wildlife corridor. It will require preservation and some naturalization improvements.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed actions include:

- Land acquisition
- Earthwork and plantings to reclaim gravel pit at the top of the slope
- Parking and trail access for future neighborhoods to the north
- Regional Pathways: along top of escarpment, connection across valley, and north along Stoney Trail
- Secondary Trail from escarpment into creek valley
- Woody vegetation and prairie grass regeneration plantings
- Establish planning guidelines for land along the top of the escarpment, to preserve scenic integrity of the valley

Planning Unit 151

East Simon's Valley: North of Stoney Trail

Extending north from Stoney Trail to the city limits, the east side of the valley is currently undeveloped grazing land sloping up from the creek to steep slopes defining the east edge of the valley. Much of the area is developable land. The plan recommends acquisition of the valley land and development as a limited access, preserved park, with some naturalization improvements. Regional Pathway access will run along the top of the slope, with connections to future neighborhoods to the east, and Secondary Trails will provide linkage to the valley and wind along the creek.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements:

- Land Acquisition
- Parking and trail access at north and south ends of area
- Regional Pathway
- Secondary Trail
- Woody vegetation and prairie grass regeneration plantings
- Riparian forest and wetland plantings
- Establish planning guidelines for land along top of slopes to preserve the visual integrity of the valley
- Protection of resources

Planning Unit 152

West Simon's Valley: North of Stoney Trail

The west side of West Nose Creek valley, similar to the east side, is undeveloped pasture land with potential for urban development in most portions. Simon's Valley Road divides the valley bottom land from the west slopes and provides good access to the area. There is a historically significant site where cattle drives from the north would stop on the way to Calgary. The plan recommends acquisition of the valley land, preservation and enhancement as a wildlife corridor, and development as a preserved/naturalized park. A Regional Pathway will extend north along the creek bank with connections to the west as needed for future neighborhoods. The trail will continue north out of the city limits as demand develops.

This planning unit includes recommendations on lands that are currently in private ownership. The Urban Park Master Plan acknowledges that some private lands within the park boundary will be developed for uses other than open space. Where appropriate arrangements cannot be made with the land owners to have the land function as part of the park, the legal rights of the land owner shall be respected. The intention of the Urban Park Master Plan Citizens Advisory Committee is to work in collaboration towards mutually acceptable objectives for the development of these river valley lands that recognize the Vision and spirit of the Urban Park Master Plan. Please refer to Map XVII - Land Ownership.

Proposed improvements:

- Land acquisition
- Parking, trail access and interpretive display at historic site
- Regional Pathway along creek, with future connections to the west
- Cooperate with developers to develop naturalized storm water retention ponds and wetlands along creek
- Riparian forest and wetland plantings
- Woody vegetation, tree and prairie reclamation plantings

5.6.4

NOSE CREEK PLANNING UNITS DEVELOPMENT PRIORITIES MATRIX

FIGURE XIII

POTENTIAL URBAN PARKS PROGRAM FUNDING



- A-1 High Priority for Implementation by UPP Funds
- A-2 Medium Priority for Implementation by UPP Funds
- A-3 Low Priority for Implementation by UPP Funds
- B Priority (Other Funding Sources)
- C Long-Range Priority

Prior to the implementation of all projects, detailed design studies will be completed with opportunities for the public, community associations and special interest groups to review and provide input into the proposed design.

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
116	Zoo Parking Perimeter/ Bow Confluence	Naturalized	Upgrade trail from Zoo parking lot Naturalize stream	\$145,000	\$100,000	Trout Unlimited & Zoo for stream naturalization demonstration project: \$50,000	A-3
117	East Facing Slope North of Tom Campbell's Hill	Naturalized	Secondary trail Prairie regeneration	\$75,000	\$75,000	None	A-3
118	Riverside: Bottom Lands	Manicured with Naturalized corridors	Naturalize stream (earthwork/ plantings) General parkland construction Parking Washrooms Weir/lagoons Trees	\$1,350,000	\$850,000 \$500,000		A-1 A-3
119	Riverside/Renfrew: East Valley	Preserved/ Naturalized	Noise attenuation	\$500,000		City Transportation	C
120	Renfrew: West Valley	Preserved/ Naturalized	Storm water detention wetlands Secondary trails Tree plantings Wetland plantings Prairie regeneration	\$25,000		Storm water detention wetlands by City	B

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
121	Nose Creek Athletic Park	Manicured	Secondary trail Grass regeneration	\$20,000		City Parks	B
122	Crossroads Uplands	Naturalized	Prairie regeneration Naturalization/tree plantings Secondary trails	\$65,000		City Parks	C
123	North East Regional Trail	Manicured	Tree plantings: screening	\$30,000		City Parks	C
124	Fox Hollow Golf Course	Manicured	Regional pathway			City Parks re: N.E. Regional Pathway Plan	B
125	Fox Hollow: Existing Path Corridor	Naturalized	Naturalization plantings	\$70,000		City Parks and Fox Hollow G.C. and Elks G.C.	C
126	Mountview: West Valley Escarpment	Naturalized	Tree Plantings Regional path Secondary trails Naturalization plantings Prairie regeneration	\$240,000	\$100,000	City: Regional path - \$100,000 City: plantings	A-2
127	32nd Avenue Park	Manicured	Regional path General park construction Furnishings	\$800,000		City: Regional path - \$50,000 City: Other	C Pending land acquisition
128	Spring Gardens/ Greenview	Naturalized	General park construction Trees Naturalization plantings Parking Regional path Playsite Foot bridges Naturalize stream Washrooms	\$500,000	\$500,000	City regional path: 85,000	A-1
129	McKnight Blvd.	Manicured/ Naturalized	Naturalization plantings Regional path	\$175,000	\$100,000	Possible corporate partnership project City regional path: \$30,000	A-3 C pending acquisition

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
130	Beaver Dam Road Area	Manicured/ Naturalized	Naturalization plantings Regional path	\$160,000	\$100,000	City regional path: \$35,000 City: Other: \$25,000	A-3 C pending acquisition
131	Laycock Park	Manicured with Naturalized Area	Secondary trail Naturalize stream and storm outfall Naturalization plantings	\$250,000	\$250,000	City Parks	A-1
132	Huntington/Beddington Segment	Naturalized	Regional path Naturalize stream Secondary trails Prairie regeneration Naturalization plantings Secondary Trails Parking Washrooms	\$355,000	\$145,000	City regional path: \$110,000	A-1
133	Nose Creek/West Nose Creek Confluence	Naturalized/ Preserved	Regional path Naturalize stream Prairie Regeneration Naturalization plantings Secondary Trails Parking Washrooms	\$1,250,000	\$535,000 \$500,000	City regional path \$210,000	A-1 A-2
134	Country Hills: East Valley	Preserved/ Naturalized	Regional Path Secondary trail Naturalization plantings	\$255,000		City: \$255,000	C
135	Country Hills: West Valley	Preserved/ Naturalized	Regional path On-stream weir/wetland area Riparian forest/trees Parking/access road Naturalization plantings Prairie regeneration	\$650,000		City: \$650,000	C

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
136	South Coventry Hills: East Valley	Preserved/ Naturalized	Regional paths Secondary trails Wetland plantings Prairie regeneration Naturalization plantings	\$430,000		City Parks	C
137	South Coventry Hills: West Valley	Preserved/ Naturalized	Regional paths Tree plantings Storm water retention Wetlands/weir Wetland plantings	\$415,000		City Parks:\$315,000 Developers: storm water retention wetland construc. (not including plantings)	C pending acquisition and need for storm retention by private developers
138	North Coventry Hills: East Valley	Preserved/ Naturalized	Regional paths Secondary trails Wetland plantings Prairie regeneration Naturalization plantings	\$265,000		City Parks	C
139	Glacial Channel Feature	Preserved/ Naturalized	Secondary trails Prairie regeneration Naturalization plantings	\$140,000		City Parks	C
140	North Coventry Hills: West Valley	Preserved/ Naturalized	Regional path Parking Storm water retention Wetlands Wetland plantings Prairie Regeneration	\$400,000		Storm water retention by private developers. Planting retention areas: • Ducks Unlimited • City	C
141	Stoney Trail North: East Valley	Preserved/ Naturalized	Secondary trail Prairie regeneration Naturalization plantings	\$125,000		City	C
142	Stoney Trail North: West Valley	Preserved/ Naturalized	Future consideration as a Regional Park Regional paths Secondary trails Storm water retention wetlands Wetland plantings Naturalization plantings	\$305,000		• Storm water retention wetlands by developers • Wetland plantings by City & Alta. Environment	C
143	Country Hills: Moist Upland Coulee	Preserved/ Naturalized	Naturalization plantings	\$75,000		City	C
144	Beddington: Centre St. Cul-de-sac	Manicured	Regional paths Parking Trees	\$85,000		City	C Pending closure of Centre St.

UPP* Priorities to be established if Land Acquisition is not successfully negotiated by March 31, 1996.

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
145	Escarpment Trail	Naturalized	Rest Stops as per Development Agreement Regional path Parking Prairie regeneration Trees	\$230,000		<ul style="list-style-type: none"> • City • Adjacent developers 	C Pending surrounding development
146	Country Hills Golf Club Perimeter	Naturalized	Secondary trails Naturalization/screen plantings	\$155,000		<ul style="list-style-type: none"> • City • Golf Course 	C
147	Sandstone Bluffs and Quarries	Preserved/ Naturalized	Regional path Secondary trails Parking Prairie regeneration Trees Naturalization plantings	\$365,000	\$230,000	<ul style="list-style-type: none"> • City • Adjacent developers 	A-1 C Pending adjacent development
148	Hidden Valley	Naturalized	Remove road surface Regional path Secondary trail Prairie regeneration Trees Naturalization planting	\$410,000		<ul style="list-style-type: none"> • City • Alta. Trans.: Naturalization under interchange @ Stoney Trail 	B: Regional Path C: Other pending constr. of Stoney Trail
149	Nose Hill Coulee	Preserved/ Naturalized	Regional paths Prairie regeneration Naturalization planting	\$290,000		<ul style="list-style-type: none"> • City • Developers of adjacent lands • Calgary Field Naturalists 	B: prior to surrounding development
150	Hidden Valley: North Valley Slopes	Naturalized	Regional path Secondary trails Parking - Gravel Trees Prairie regeneration Naturalization plantings	\$525,000		City	C: Development
151	East Simons Valley	Preserved/ Naturalized	Regional path Secondary trails Parking - Gravel Prairie regeneration Naturalization plantings	\$640,000		City	C: Development C: Development

UNIT	PLANNING UNIT NAME	PARK TYPE	DESCRIPTION	CAPITAL COSTS	URBAN PARKS PROGRAM	BY OTHERS	PRIORITY
152	West Simons Valley	Preserved/ Naturalized	Regional paths Secondary trails Parking - Gravel Storm water retention wetlands Prairie regeneration Naturalization plantings	\$580,000		Storm water wetlands by private developer	C Pending surrounding development

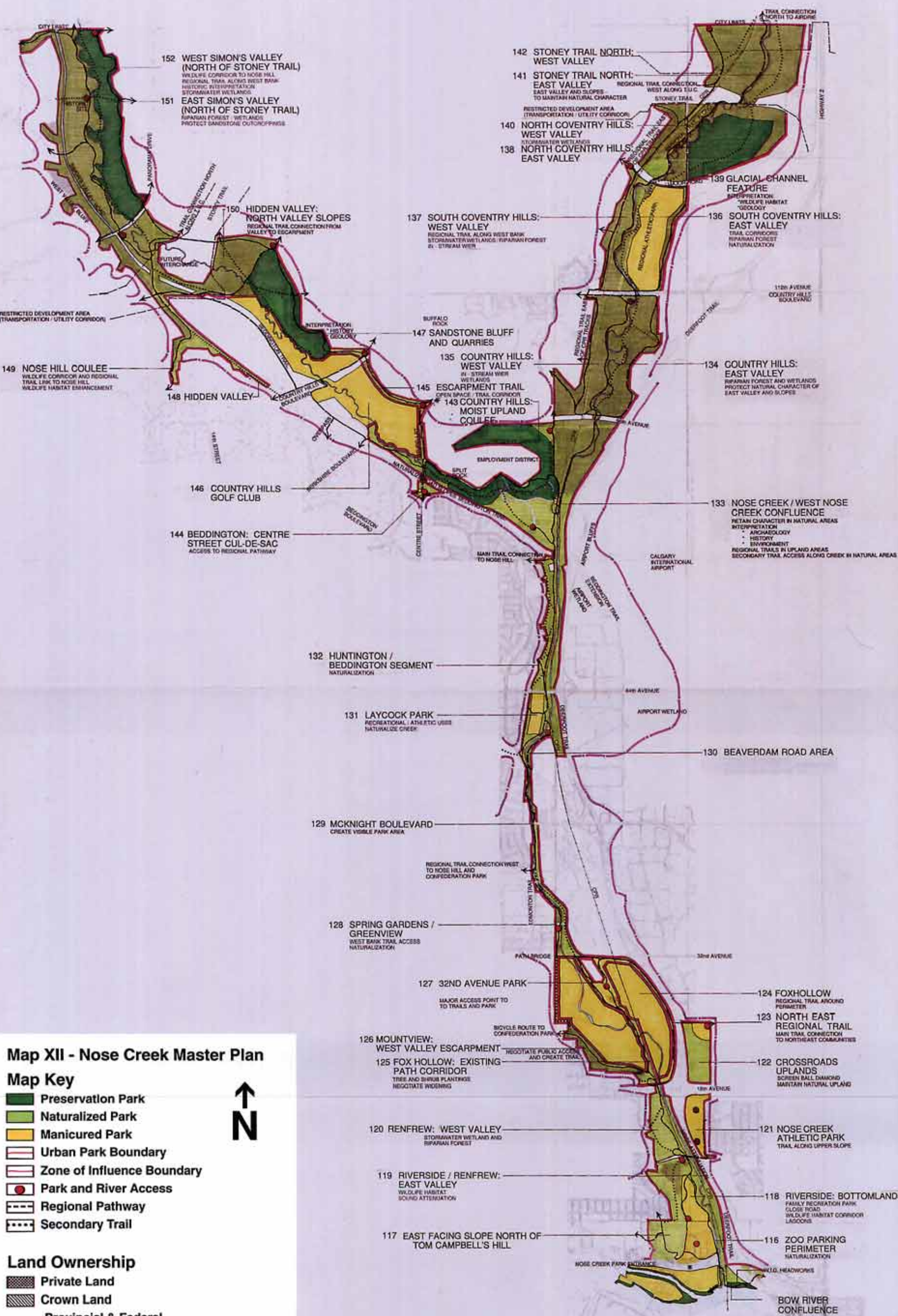
TOTAL NOSE CREEK

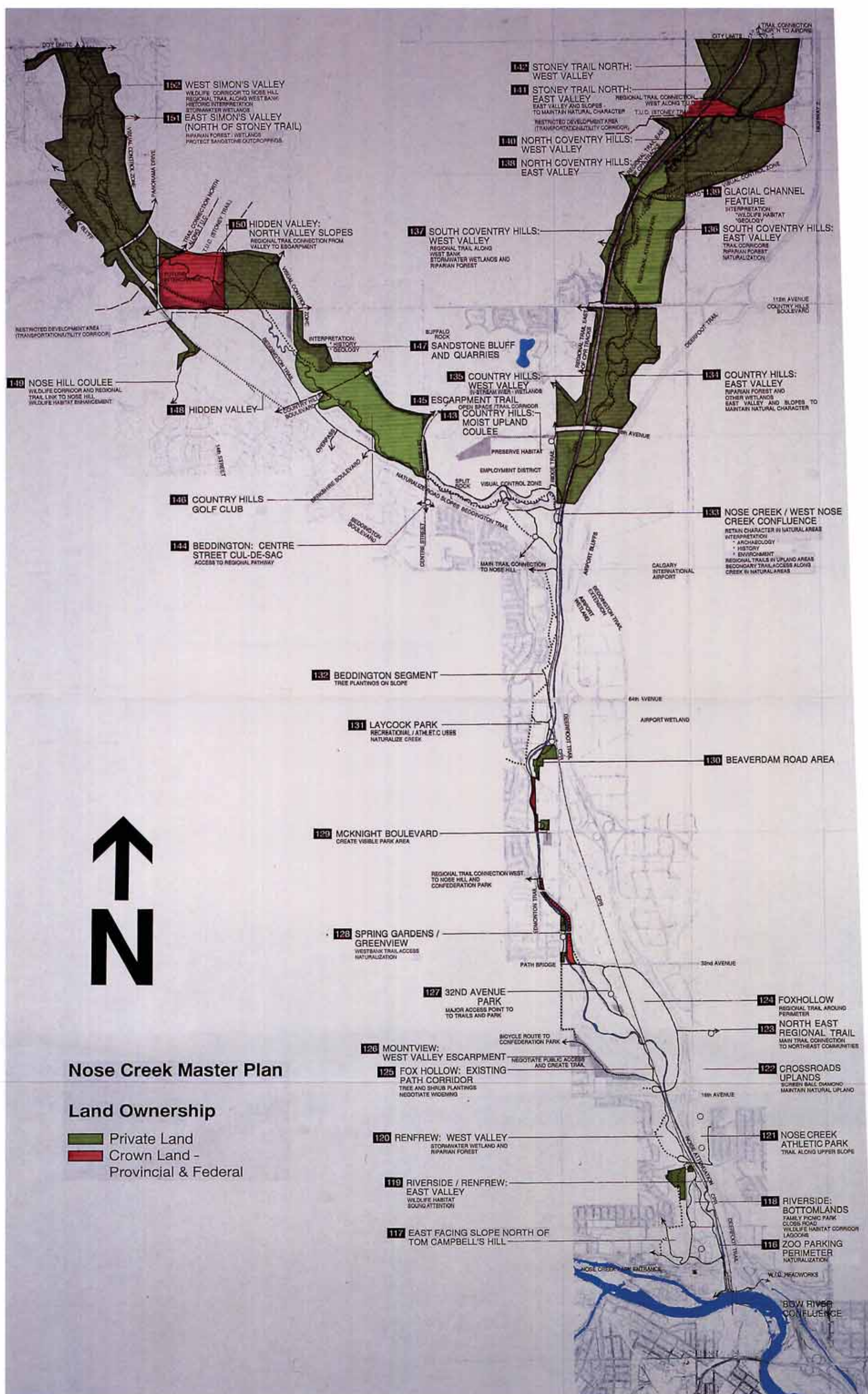
\$12,350,000

POTENTIAL UPP EXPENDITURE IN NOSE CREEK

\$2,550,000

n.b. Capital costs do not include land acquisition





5.6.5

NOSE CREEK PLANNING UNITS LAND ACQUISITION MATRIX

FIGURE XIV

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
117/ 118	East Facing Slope Tom Campbell's Hill Riverside Bottom lands	City	A			285917 Alta. Ltd. SE 1/4 sec 23, 24. I.5 Various Private
118	Riverside: Bottom Lands	City	DC			285917 Alta. Ltd. Site 2
118	Riverside: Bottom Lands	City	UR			285917 Alta. Ltd. Corner & 8 Ave. CPR
119	Riverside/Renfrew: East Valley		UR		Negotiate for use on west side of creek. Negotiate plantings etc. east of creek.	Deerfoot Trail, R.O.W. East of creek/City/Crown.
119	Renfrew: East Valley		UR		Negotiate for noise attenuation	Deerfoot Trail R.O.W. Crown
120	Renfrew: West Valley		A		Negotiate use with City Streets	City PTN, NE 1/4 sec 23, 24 I.5
125	Fox Hollow: Existing Path Corridor				Negotiate widening of trail corridor by moving Elks G.C. fence to west.	City (leased to Elks Golf Course & Fox Hollow Golf Course)
126	Mountview: West Valley Escarpment				Negotiate for trail access and naturalization on slope. Negotiate for trail along the street.	City (leased to Elks Golf Course) City & 6th St. R.O.W.
127	32 Avenue Park				City-owned yard: acquire portion for park, portion for swap with Fox Hollow Golf Course	City
127	32 Avenue Park				Acquire portion for trail access to new parking lot. Swap for portion of parcel 9.	City (leased to Fox Hollow Golf Course)

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
128	Spring Gardens/Greenview		R	10m along creek for trail access		R. Dajneau/A. Darwant
128	Spring Gardens/Greenview		R	10m along creek for trail access		M. Merhi
128	Spring Gardens/Greenview		R	10m along creek for trail access		D. Leece/A. Moffat
128	Spring Gardens/Greenview		R	10m along creek for trail access		J & D. Bergquist
128	Spring Gardens/Greenview		R	10m along creek for trail access		Douglas Wright
128	Spring Gardens/Greenview		R	10m along creek for trail access		A.&G. Stowell
128	Spring Gardens/Greenview		R	10m trail easement along creek		Calgary Bible & Gospel
128	Spring Gardens/Greenview		I-2	10m trail easement along creek		Barbara Andersen
128	Spring Gardens/Greenview		I-2	10m trail easement along creek		Teramo Holdings
128	Spring Gardens/Greenview		I-2	Trail easement along east bank of creek		City
128	Spring Gardens/Greenview		I-2		Negotiate right to make improvements to stream banks	Lands & Forests
128	Spring Gardens/Greenview		I-2/DC	Negotiate trail easement	Negotiate right to make improvements to stream banks	City
128	Spring Gardens/Greenview		I-2		Negotiate right to make improvements to stream banks	City
129*	McKnight Boulevard		A	Trail access	Negotiate right to improve streambanks	Lands & Forests City

* Priority For Acquisition

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
129*	McKnight Boulevard		A	Trail access	Negotiate right to improve streambanks	Lands & Forests
130	Beaver Dam Road Area	City	I-2			412013 Alta. Ltd.
130	Beaver Dam Road Area	City	A			Westland Distribut.
130	Beaver Dam Road Area	City	A			Suncor
132	Huntington/beddington Segment		UR		Negotiate right to improve streambanks	City/CPR
134, 135	Country Hills East Valley Country Hills West Valley	City	UR			Alfred Bilben
134, 135, 136, 137, 140	Country Hills East Valley Country Hills West Valley South Coventry Hills:East Valley South Coventry Hills:WestValley North Coventry Hills:WestValley		UR		Negotiate use/access for park	City
134 133	Country Hills: East Valley Nose Creek Confluence		UR		Negotiate use/access for park Negotiate naturalization of Beddington Trail	Public Works (Parcel #133) CPR City
135	Country Hills: West Valley	City	UR			Dept. of Highways (2 parcels)
135	Country Hills: West Valley		UR		Negotiate use/access for park	City
134	Country Hills: East Valley		UR		Negotiate dev't. & building controls for land east of Urban Park, to project natural character of valley (ie. setbacks, height restrictions)	City
134	Country Hills: East Valley	City	UR			Melcor/G.A. Developments
135	Country Hills: West Valley	City	UR			GA Dev't.
136, 137	South Coventry Hills:East Valley South Coventry Hills:WestValley	City	UR			Stockfeed & Seed Corp.

* Priority For Acquisition

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
136, 137	South Coventry Hills:East Valley South Coventry Hills:WestValley	City	UR			Bar-O-W Ranches
136, 137 138 140	South Coventry Hills:East Valley South Coventry Hills:WestValley	City	UR			Wesley Yuen H. So.
136, 137	South Coventry Hills:East Valley South Coventry Hills:WestValley	City	UR			Country Hills Dev. Corp. (SW 1/4 sec 26.25 1.5)
137	South Coventry Hills:WestValley		UR		Negotiate use/access for park	City
137, 138, 140	South Coventry Hills:WestValley North Coventry Hills:East Valley North Coventry Hills:WestValley		UR		Negotiate use/access for park	Federated Pipelines
138, 139*	North Coventry Hills:East Valley Glacial Channel Feature	City	UR			Alfred Bilben
138, 139*	North Coventry Hills:East Valley Glacial Channel Feature	City	UR			Beddington Business Park, Ltd.
138, 139* 140, 141, 142	North Coventry Hills:East Valley Glacial Channel Feature North Coventry Hills:WestValley Stoney Trail North:East Valley Stoney Trail North:West Valley	City	UR			Ronald Singer
138, 140	North Coventry Hills:East Valley North Coventry Hills:WestValley		UR		Negotiate use/access for park	TransAlta
139*	Glacial Channel Feature		UR		Negotiate dev't. & building controls for land east of Urban Park, to protect natural character of valley (ie. setbacks, height restrictions)	City
140	North Coventry Hills:WestValley	City	UR			JEC Enterprises (2 parcels)

* Priority For Acquisition

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
140	North Coventry Hills:WestValley	City	UR			Qualico
142	Stoney Trail North:West Valley				Negotiate/request Stoney Trail Flyover design to accommodate wildlife movement. Negotiate/request regional paths along Stoney Trail.	Alberta Transportation City CPR
143*	Country Hills: Moist Upland Coulee	City	UR		Negotiate land swap with City-owned EMP dist. land	Peter Abt City/A. Bilben
145*	Escarpment Trail				Negotiate access for trail in Harvest Hills R.O.W.	City
45* 147*	Escarpment Trail Sandstone Bluffs and Quarries	City	UR		Trail corridor and bluff area	Qualico (Civic) 605668 Alberta Ltd.
145*	Escarpment Trail	City	UR		Trail corridor	605668 Alberta Ltd. Archibald Bushfield
147	Sandstone Bluffs and Quarries				Negotiate dev't. & building controls for land above bluff to preserve scenic integrity of the bluff (ie. setbacks & height controls)	City
148	Hidden Valley				Negotiate acquisition of abandoned Simons Valley R.O.W.	City
148	Hidden Valley				Negotiate interchange design to accommodate wildlife movement. Negotiate wetlands creation along creek as part of interchange construction.	Crown
149*	Nose Hill Coulee		UR		Negotiate E.R. and habitat enhancement and management	Carma
150*	Hidden Valley: North Valley Slopes	City	UR			G.A. Dev't.

* Priority For Acquisition

UNIT	PLANNING UNIT NAME	PURCHASE UPP UPP/CITY	ZONING EXISTING/PROPOSED	EASEMENT	NEGOTIATION	OWNER
150*	Hidden Valley: North Valley Slopes	City	UR			Ronald Hanson
148, 150*	Hidden Valley		UR		Negotiate to achieve naturalization and wildlife corridor	Public Works (Stoney Trail R.O.W.)
150* 151*	Hidden Valley:North Valley East Simons Valley				Negotiate dev't. & building controls for land above bluff to preserve scenic integrity of the bluff (ie. setbacks & height controls)	City/Walton Development Inc.
151*	East Simons Valley	City	UR			Canfarge
151* 152*	East Simons Valley West Simons Valley	City	UR			Wagama Holdings/Transalta
151* 152*	East Simons Valley	City	UR			Various Private
152*	West Simons Valley	City	UR			Barry Rinehart

* Priority For Acquisition

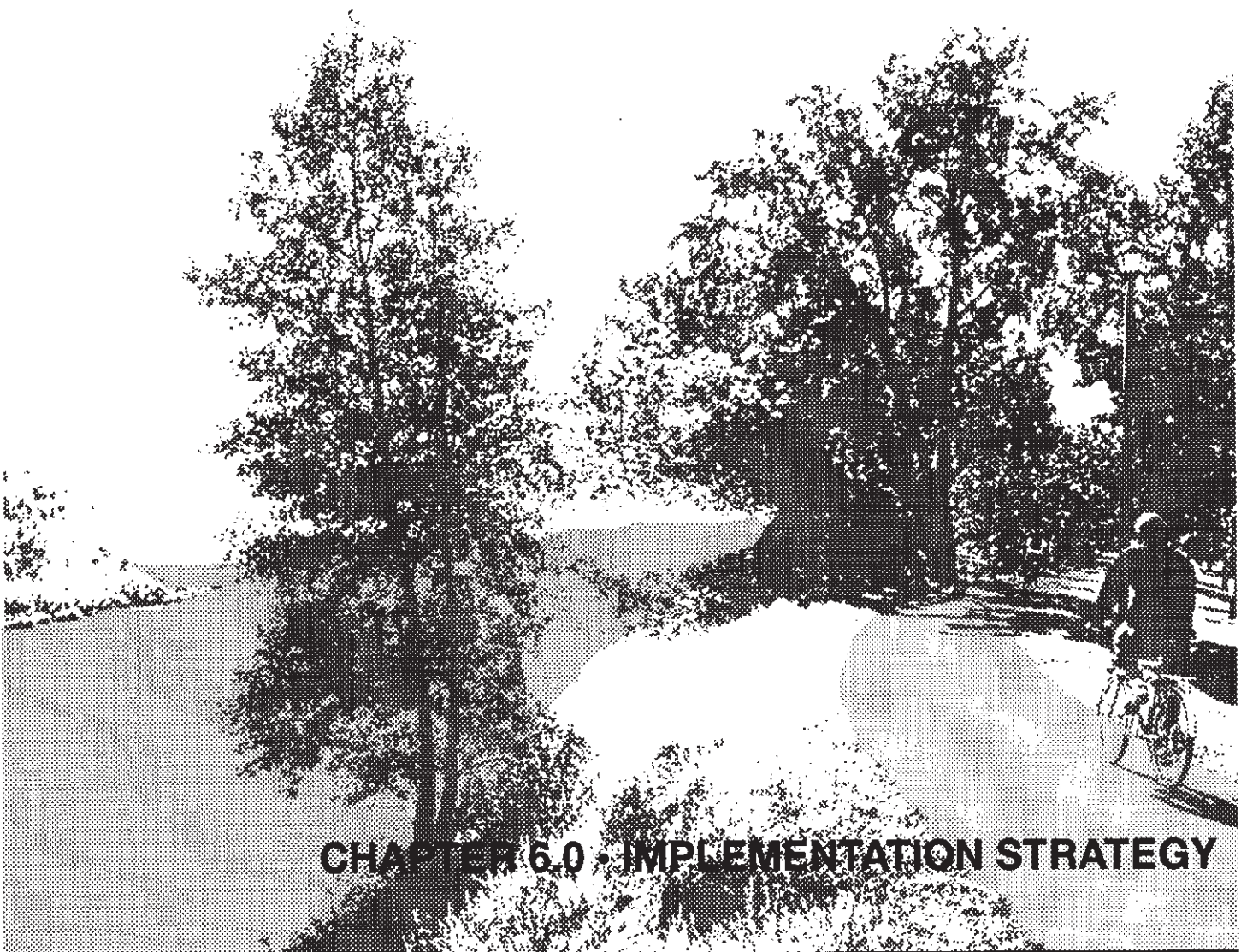
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CHAPTER 6.0 • IMPLEMENTATION STRATEGY

6.0 IMPLEMENTATION

6.1 URBAN PARK MASTER PLAN FUNDING STRATEGY

The Alberta Government terminated the Urban Parks Program grant in the February 1994 budget. Concurrent with the termination of the Urban Parks Program was the announcement of the Federal Government's National Infrastructure Program. The Implementation schedule consists of projects that will be funded by the Alberta Government through the Urban Parks Program and the Federal, Provincial and Municipal Government through the National Infrastructure Program.

The completion date for the National Infrastructure Program and the Urban Parks Program is March 31 1997. Any funds not fully expended will be returned to the appropriate government agency.

City council approved the following list of Urban Park Master Plan projects and the allocation of funds.

URBAN PARK MASTER PLAN - PHASE ONE PROJECTS

Bow River West	• Baker Centre (Planning Unit #7)	\$1,240,000
	• Bowmont Park (Planning Unit #13)	\$50,000
	• Shaganappi Slopes (Planning Unit #20)	\$50,000
	• Lawrey Gardens (Planning Unit #21)	\$45,000
	Sub-total	\$1,385,000
Bow River Centre	• Eau Claire Promenade (Planning Unit #27)	\$1,390,000
	• Sunnyside Bank (Planning Unit #37)	\$150,000
	Sub-total	\$1,540,000
Bow River South	• Esso Refinery Site (Planning Unit #48)	\$250,000
	• Millican Park (Planning Unit #52)	\$250,000
	• Southland Park - Washroom (Planning Unit #57)	\$55,000
	• Southland Wetland "A" (Planning Unit #54)	\$100,000
	• Southland Wetland "B" (Planning Unit #58)	\$50,000
	Sub-total	\$705,000
Elbow River	Scotsman Hill Pathway (Planning Unit #81)	\$250,000
	Sandy Beach (Planning Unit #102)	\$185,000
	24th Avenue pedestrian bridge (Planning Unit #93)	\$400,000
	Weaselhead Interpretive Trail (Planning Unit #113)	\$125,000
	Cathedral Square Promenade (Planning Unit #89)	\$125,000
	Sub-total	\$1,085,000
Nose Creek	Riverside Bottomlands (Planning Unit #118)	\$850,000
	Nose Creek Confluence (Planning Unit # 133)	\$535,000
	Sub-total	\$1,085,000
Total		6,100,000



The Citizens of Calgary have prepared a plan that represents Calgarians long standing concern for the protection, use and enjoyment of our river valleys. Phase One of the plan will be completed by March 31 1997 by funds made available from the Alberta Government through the Urban Parks Program and funds from the National Infrastructure Program, a joint municipal, provincial and federal grant program initiated by the Federal Government.

Future phases of this river valley park system will be completed through collaboration and commitment from all members of our community. By working together we can ensure future generations that this natural legacy remains protected forever and that the vision and principles established through this plan are realized.

The Urban Park Master Plan outlines a strategy for accomplishing a long-term vision for the river valleys. Future implementation of projects will depend on availability of funds through other sources and from other City departments. Many of the projects that are envisioned will be accomplished through awareness and consideration of the principles that have been clearly identified in this plan.

6.2 TOTAL URBAN PARK MASTER PLAN COSTS

The following is a summary of the estimated costs to complete all of the Urban Park Master Plan recommendations. Total Urban Park Master Plan costs do not include land acquisition costs

Bow River West

Total Cost	\$ 15,890,000*
Phase One Funding	\$ 1,385,000

Future Cost	\$ 14,505,000
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Bow River Centre

Total Cost	\$ 22,290,000*
Phase One Funding	\$1,540,000

Future Cost	\$ 20,750,000
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Bow River South

Total Cost	\$ 39,480,000*
Phase One Funding	\$ 705,000

Future Cost	\$ 38,775,000
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Elbow River

Total Cost	\$ 2,550,000*
Phase One Funding	\$1,085,000

Future Cost	\$ 1,465,000
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Nose Creek

Total Cost	\$ 12,350,000*
Phase One Funding	\$ 1,085,000
Future Cost	\$ 11,265,000

* Estimated costs do not include land acquisition

6.3 URBAN PARK MASTER PLAN STATUS & APPROVAL

The Urban Park Master Plan was approved by City Council on March 7 1994, as a policy document with respect to lands within the City boundary. Approval of the Urban Park Master Plan included the following recommendation:

" That the Vision Statement and Vision Statement Principles as approved by Council, and as set out in Section 2.2 and 2.4 of the Master Plan, be incorporated in the City of Calgary General Municipal Plan: and further that the Urban Park Master Plan be considered during amendment or creation of City planning documents in consultation with affected communities and landowners."

Following Council approval of the Urban Park Master Plan, the plan was approved by the Minister of Community Development as meeting all of the Alberta Government requirements for this document.

6.4 URBAN PARK MASTER PLAN AMENDMENT PROCESS

Following approval of the Urban Park Master Plan by the City of Calgary Council, the plan will be forwarded to the Minister of Alberta Community Development. The Minister will review the plan to assure that it meets the requirements for an Urban Park Master Plan as outlined in Program description for the Urban Parks Program - Urban Park Master Plan.

The Calgary river valley park system will evolve through time and will not be a static system. Changes and amendments to the original Urban Park Master Plan, however, should incorporate the original philosophy of the Vision Statement and principles, as outlined in Chapter 2.0 - Urban Park Master Plan Vision Statement.

Erosion of the original vision and integrity of the plan is not an acceptable future to the citizens of Calgary. The same level of interest and concern for the river valley that shaped this plan should be a primary consideration in *all future amendments to the plan*. *The Urban Park Master Plan will be approved through a public hearing process*, and therefore, amendments should also be considered at a public hearing.

All amendments to the portions of the plan that will be funded by the Urban Parks Program must be approved by Council Resolution and the Alberta Government, and should adhere to the Vision Statement and principles outlined in this plan.

6.5 PUBLIC PARTICIPATION

The Urban Park Master Plan was created through an extensive and intensive public planning process. Further public input will be a requirement as the recommendations in this plan are implemented. community input specific to each planning unit will be incorporated into the design development plans. Community input could include community associations, special interest groups and the general public.

On-going input and participation from members of the Planning Advisory Committees will ensure continuity between the Urban Park Master Plan and the implementation of the recommendations. The Planning Advisory Committees will assist Calgary Parks & Recreation in the promotion and review of implementation plans for the development of a viable urban parks system as proposed in the Urban Park Master Plan.

6.6 TRANSPORTATION RELATED ISSUES

Throughout the Urban Park Master Plan planning process the public raised several concerns with respect to transportation proposals. In particular, opposition to several river valley bridge crossings was expressed. The Urban Park Master Plan planning process was not intended to resolve transportation issues, however, the plan does not support Sarcee Trail (Bow River), Shaganappi Trail (Bow River), Downtown By-pass (Elbow River), 50th Avenue(Elbow River), and Sarcee Trail (Weaselhead - Elbow River) crossing.

The Citizens Advisory Committee would like the reader to note that the decision regarding these crossings will be made through the GoPlan process, the City of Calgary review of the current Transportation by-law. For further information please contact the GoPlan office, at 268-3666.

6.7 PRIVATE LAND

The Urban Park Master Plan includes an assessment of private lands that have potential for park development. These private lands may be developable for other purposes identified by the landowners. All legal rights of the landowners to develop their land for other purposes should be respected when considering land use amendments and development proposals for private land designated as parkland in this Master Plan. The Citizens who have prepared this plan hope that as these lands are developed, the landowners will embrace the Vision and principles of the Urban Park Master Plan and in collaboration, work towards mutually acceptable objectives.

6.8 CAPITAL COSTS

Capital cost figures shown in this report include all costs associated with implementing the recommendations proposed for each Planning Unit. These costs do not include any costs associated with land acquisition. Capital costs used in this report are order of magnitude costs based on preliminary estimates and will be refined during the design development phase.



CHAPTER 7.0 • BIBLIOGRAPHY

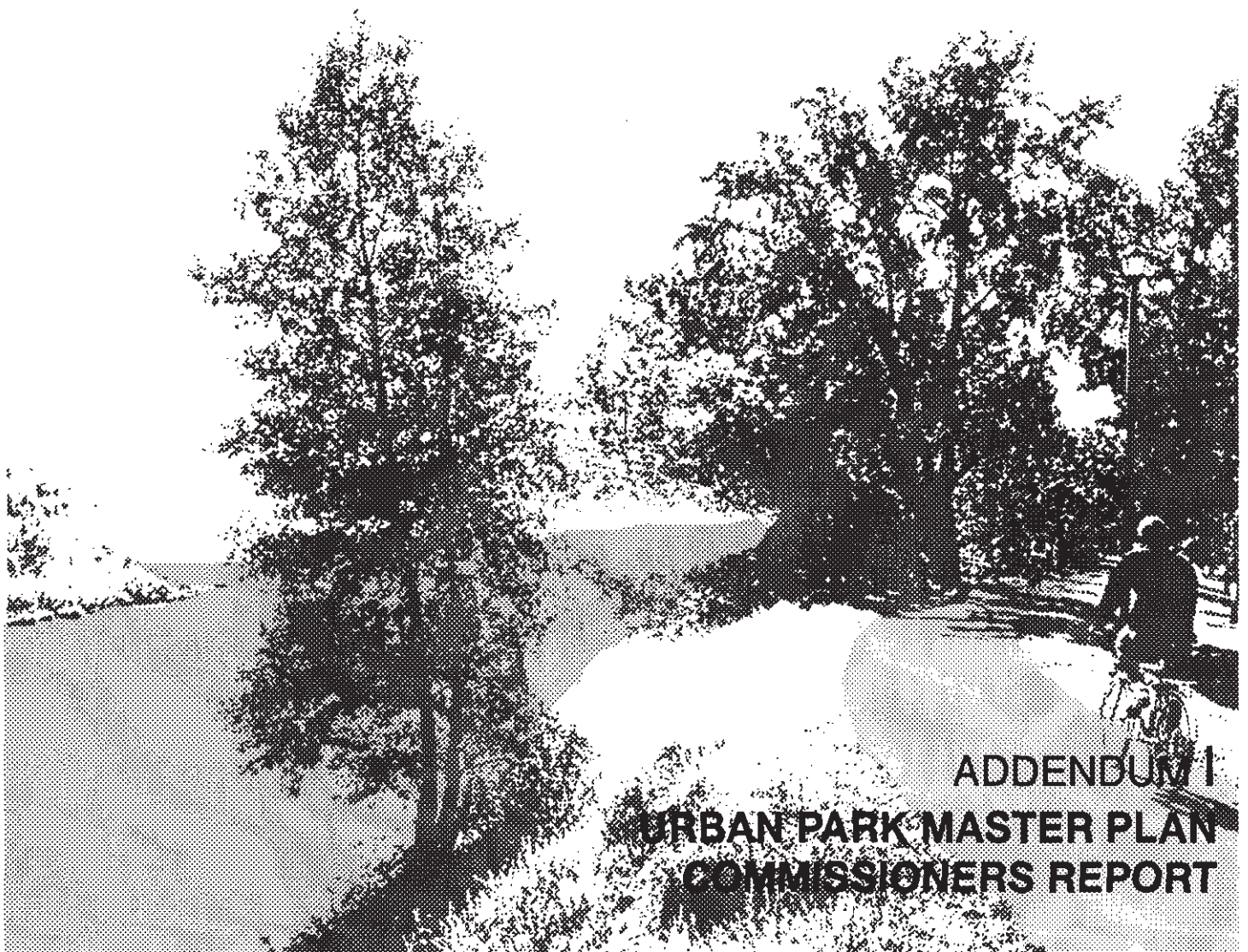
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ADDENDUM I
URBAN PARK MASTER PLAN
COMMISSIONERS REPORT

REPORT TO THE PARKS & RECREATION BOARD

1993 DECEMBER 11

PR93-85 URBAN PARK MASTER PLAN

ISSUE:

Approval of the Urban Park Master Plan.

BACKGROUND:

In 1989, the Government of Alberta introduced Phase II of the Urban Parks Program. Calgary was identified as one of eleven participating communities. The City of Calgary is eligible to receive up to \$15 million in grants for urban park development. The funds will be dispersed by the Government of Alberta until 1999 March 31.

At its 1990 May 07 meeting, Council directed the Administration to proceed with the development of an Urban Park Concept Plan for the river valley system, including the Bow River, the Elbow River, Glenmore Reservoir, the Western Irrigation District Canal, Nose Creek and West Nose Creek (CS90-28).

At its 1991 July 04 meeting, Council subsequently approved the Heart of the Valley, Calgary's Riverine Urban Park Project Concept Plan (CS91-29-02). Direction was given to the Administration to proceed with the preparation of an Urban Park Master Plan Terms of Reference to include a strategy for public participation.

It is a requirement of the Government of Alberta that an Urban Park Master Plan be completed and approved by the Municipal Council prior to submission of grant applications for construction.

The Urban Park Master Plan Terms of Reference were approved by Council 1992 May 25 (CS92-29-04) which initiated the preparation of this detailed planning document. The Urban Park Master Plan Terms of Reference and Public Participation Process described eight (8) phases of a planning process to prepare a plan in consultation with the public that would meet the Alberta Government's requirements for their Urban Parks Program Master Plan.

Phase Two of the Urban Park Master Plan planning process identified the need and the preliminary process for the preparation of a River Valley Vision Statement to guide the development of the plan. The Vision Statement was prepared by the Urban Park Master Plan - Citizens Advisory Committee and the five (5) associated Planning Advisory Committees, which correspond to five geographic segments of the river valley study area; Bow River West, Bow River Centre, Bow River South, Elbow River, and Nose Creek. At its 1993 May 17 meeting, Council approved the Urban Park Master Plan - Citizens Advisory Committee Vision Statement (CS93-26-03) and directed the Administration to proceed with the preparation of the Urban Park Master Plan.

URBAN PARK MASTER PLAN

RECENT DEVELOPMENTS:

The proposed Urban Park Master Plan (Attachment 1) as submitted by the Citizens Advisory Committee, is the result of an extensive public consultation process. This process is reviewed in detail within the Plan (pp. 2-18) and the covering submission letter from Mr. John Simonot, Chairman - Citizens Advisory Committee, dated 1993 November 29 (Attachment 2).

Public consultation beyond the direct involvement of community volunteers through the five (5) Planning Advisory Committees and the Citizens Advisory Committee has been documented in a series of summary reports. The third report in this series (Calgary Urban Park Master Plan - Results of Public Consultation Phase Nine - Draft Urban Park Master Plan, Attachment 3) is a compilation of comments received through five (5) public open houses, as well as mail-in and phone-in comments regarding the draft Urban Park Master Plan. Report one (Results of Phase Two - Vision Statement Public Consultation) was an attachment to CS93-26-03. Report two (Results of Public Consultation Phase Seven - Preliminary Design Concepts) was distributed as an attachment to a regular progress report to Council 1993 August 3.

The Plan reflects the recommendations of not only the Planning Advisory Committees and the Citizens Advisory Committee, but also captures the general desires of Calgarians clearly expressed through their participation in open houses, mail-in comments, phone-in comments, community based meetings and over 47,000 responses to the Pulse-On-Parks survey.

Calgarians value public access to park spaces along Calgary's river valleys. In general Calgarians wish to protect natural environments in a natural state, use river valley parks for passive recreation (nature appreciation, walking, jogging, relaxation, informal play, picnicking, family outings) and have expressed a strong desire to see a continuous open space system.

The Urban Park Master Plan is a comprehensive report dealing with important issues such as the protection of environmentally sensitive areas, maintenance of invaluable landscape features and the provision of public access along the river corridors. The Plan expresses a long range vision which highlights opportunities for realizing a desirable river valley park system.

The focus of the Plan is on parks and open space. Included within the planning units described in the Plan are private lands, business operations and residential cells, city-owned lands not intended for park purposes, and park lands developed for more active recreation pursuits. Also included within the Plan are City owned lands outside of City

URBAN PARK MASTER PLAN

limits. When detailed plans are prepared for these lands the consideration and approval of appropriate municipal districts will be required.

While the proposed land uses within the planning units may be desirable from an open space and parks perspective, the uses may not be the most appropriate when examined in the context of a more integrated comprehensive plan. The Urban Park Master Plan, in conjunction with the River Valley Plan, will provide a substantial foundation of information to be considered during the development of appropriate Area Redevelopment Plans and Area Structure Plans, future revisions to the General Municipal Plan, detailed park specific Master Plans, broad policy initiatives such as the GoPlan, cooperative planning projects such as Joint General Municipal Plans, and decisions that Council and Approving Authorities are responsible for under the provisions of the Planning Act (ie. Subdivision, Redesignation, Development Permits, etc.).

The mandate of the Urban Park Master Plan does not include approval of transportation proposals. During the Urban Park Master Plan planning process the public expressed concerns regarding several proposed river valley bridge crossings. The Citizens Advisory Committee has indicated, within the Plan, those proposed crossings that they do not support. This information has been forwarded to the GoPlan and decisions regarding river valley crossings and other transportation issues will be made through the GoPlan process.

The Urban Park Master Plan does identify specific projects, allocating the available capital funds throughout the river valley system. These projects (Attachment 4) are primarily on City owned lands designated for park purposes. Some are on City owned lands not designated for park purposes or involve private lands where the intention is to enter into a partnership relationship for the development of park related resources, including rehabilitation of riverbank lands, public pathways, and protection of existing natural habitats.

Detailed design development plans will be required for each of the proposed projects. The Planning Advisory Committees have indicated a priority rating (A through C). Though it is understood the intent is to complete all projects as stipulated, information made available through comprehensive design development plans may eliminate some of the proposed projects and/or revise budget estimates. Private land owners may also not be prepared to enter into proposed partnership initiatives.

The Bow West Planning Advisory Committee has recommended \$1.0 million be used for land acquisition as noted in Attachment 4.

LEGAL IMPLICATIONS:

The Administration wishes to bring to Council's attention the implications of Chapter 6, specifically sections 6.3 and 6.4.

Considerable discussion has taken place with respect to the proposed land use of public and private lands not necessarily intended for park purposes. The Law Department advises, that under Section 72 of the Planning Act, if Council designates private lands for park purposes then the City must acquire the land within six (6) months of such designation or redesignate the lands for some other non-public purpose. The Citizens Advisory Committee and Planning Advisory Committees are aware that the City is not in a financial position to purchase these lands. They are also aware that the private land owners have legal rights and may have objectives to develop these lands for purposes other than park land. The committee members do hope to work in a cooperative and collaborative process with private land owners toward meeting mutually acceptable objectives for the river valley. Consequently, the Law Department advises that while the Plan may be considered an important information source during development of statutory plans, directing amendment of statutory plans "to incorporate the Urban Park Master Plan recommendations" (p. 1, p. 205, Urban Park Master Plan) may involve a requirement to purchase large areas of privately held land.

In addition, the Law Department notes that Section 6.4 states "amendments to the original Urban Park Master Plan must incorporate the original philosophy of the Vision Statement..." (p. 205). This direction would constrain the manner in which amendments to the Plan are made in the future. The Law Department points out that this is an attempt to give a non-statutory plan legal effect which is not appropriate. The actions of future Councils cannot be restricted in this manner.

Considering these implications, the Administration recommends that Council approve the Plan in principle, on the basis that such approval does not bind the City to the provisions of Sections 6.3 and 6.4.

FINANCIAL IMPACT:

The \$15 million grant is available for planning, design, construction and land acquisition costs associated with the development of an urban park system. Up to 15% of the grant monies (\$2.25 million) is available for planning, design and project administration. Up to 40% (\$6.0 million) of the grant monies is available for land acquisition and up to 100% (\$15.0 million) of the grant monies is available for construction.

In addition to the grant available for park development, the Alberta Government also provides annual operation and maintenance assistance calculated as 3% of all planning,

URBAN PARK MASTER PLAN

design and construction costs expended to date. Land acquisition costs are not included in the calculation of the operation and maintenance grant. The annual operation and maintenance assistance grant program is reviewed periodically by the Province of Alberta. At time of writing, the operation and maintenance assistance grant program will extend for a period of five (5) years from time of initiation by the applicant (City of Calgary).

Total estimated cost for implementation of all A-1 priorities would be \$9.15 million, total estimated cost for implementation of all A-1 through A-3 priorities would be \$18.95 million (NOT including land acquisition as proposed by the Bow West Planning Advisory Committee).

The Administration recommends that Council approve the Urban Park Master Plan in principal, and direct the Administration to proceed with priority projects not exceeding available grant monies. In making these recommendations, and if approved by Council, it is not intended that the City be committed to proceed with all of the capital projects cited within the Plan. Capital projects, including those funded by the Urban Parks Program, will be submitted to Council for review through the normal capital budget process.

CONCLUSIONS:

The Urban Park Master Plan provides a comprehensive overview of potential parks development within Calgary's river valley system. The Plan will provide important input to statutory planning documents and decisions of Council and Approving Authorities. The Plan proposes a wide range of projects across the City which will contribute to the protection and preservation of our natural environments, provide improved access to our river valleys for all Calgarians, rehabilitate or reclaim lands to native or near native conditions, upgrade manicured park spaces and, in short, contribute to the vitality and beauty of our community.

RECOMMENDATIONS:

That the Parks & Recreation Board recommend through the S.P.C. on Community Services that Council:

1. Approve the Urban Park Master Plan in principle, with respect to lands within City limits.
2. Compliment and thank the Citizens Advisory Committee and the five (5) Planning Advisory Committees for their outstanding volunteer effort in the preparation of the Plan.

URBAN PARK MASTER PLAN

3. Direct the Administration to initiate implementation of capital projects cited as A-1 priority in Bow West, Bow Centre, and Nose Creek; and A-1 through A-3 priority in Bow South and Elbow study areas (Attachment 4). Where projects do not prove feasible at time of detailed planning and design, the Administration is instructed to proceed to A-2 and/or A-3 priorities in Bow West, Bow Centre and Nose Creek, not to exceed available grant monies. Capital budgets for Urban Park projects will be included in normal capital budget submissions for Council's consideration.
4. Direct the Administration to utilize the Urban Park Master Plan as a guide during development and management of City owned lands within the river valleys intended for park purposes.
5. Direct the Administration to use the Urban Park Master Plan as an information source, expressing the general public preference from a park perspective as to how lands should be utilized, in the processes and decisions that Council is required to make with respect to statutory planning documents, as well as decisions that Council and Approving Authorities are responsible for under the provisions of the Planning Act.
6. Direct the Administration to continue public participation, through the established capital development processes including local community consultation and regular reviews with the River Valley Committee, during implementation of the Urban Park Master Plan.
7. Request the consideration and support of the Calgary Regional Planning Commission and the Municipal Districts of Rockyview and Foothills for the proposals contained in the Plan which fall within their respective jurisdictions.

ATTACHMENTS:

1. Proposed Urban Park Master Plan
2. Letter from John Simonot, Chairman - Citizens Advisory Committee, dated 1993 November 29.
3. Calgary Urban Park Master Plan - Results of Public Consultation Phase Nine - Draft Urban Park Master Plan
4. Implementation Priorities

1993 November 29

Mayor Duerr and Members of Council

Dear Mayor Duerr and Council;

RE: PROPOSED URBAN PARK MASTER PLAN - APPROVAL

On behalf of all Calgarians, it is a pleasure to forward the Proposed Urban Park Master Plan for your review and consideration for approval. The plan represents an exciting milestone towards the successful protection, management and appropriate development of a river valley park system in Calgary. Preparation of the plan using the Council directed public planning process has been an intensive and rewarding experience and has created a plan that has very strong public and community endorsement.

The Urban Park Master Plan planning process included numerous opportunities for public participation and has generated active involvement from over 60 community associations, 2100 special interest groups, stakeholders and interested citizens. Throughout the process the Citizens Advisory Committee has been overwhelmed and encouraged by the community support and enthusiasm for our river valley project. The public are particularly supportive of the protection, rehabilitation and use of the natural environment in Calgary's river valleys.

I would like to highlight some of the opportunities facilitated by the Citizens Advisory Committee for public input into the plan. As part of this planning process, the City initiated a demand study, to all households in Calgary, entitled "Pulse On Parks". Over 47,000 individual questionnaires were returned. The results of this questionnaire were used at the beginning of the planning process to bring broad based values, issues and concerns into the planning process. The themes supported in "Pulse on Parks" of natural protection, public access and passive use were used to prepare the Urban Park Master Plan Vision Statement and specific implementation recommendations.

The planning process began with dividing the river valley study area into five segments and establishing a citizen-based Planning Advisory Committee for each segment. All

community associations along the river valley were invited to participate on one of these planning advisory committees. We had over 60 active representatives participating in the preparation of the plan.

Concurrent with establishing the Planning Advisory Committees, a Citizens Advisory Committee was established to give a city-wide perspective to some of the issues and recommendations. The Citizens Advisory Committee included representatives from the Calgary Parks & Recreation Board, the Calgary Pathways Advisory Council, the River Valleys Committee, the Federation of Calgary Communities and two representatives from each Planning Advisory Committee.

The Urban Park Master Plan recommendations originated from the Planning Advisory Committees and have been endorsed by the Citizens Advisory Committee. All Calgarians were given many opportunities throughout the process to review these plans. I believe that the plan and its recommendations are supported by the community as a whole.

I feel strongly that, with the exception of the resignation of two Bow West Planning Advisory Committee members representing the communities of Wildwood and Bowness, the entire planning process has been a rewarding and educational experience for all of those who participated. Thousands of hours of volunteer time have gone into creating this plan. This speaks for the importance of the river valleys in our community as the heart of our city.

Our first major task was to prepare a Vision Statement for the future of the river valleys. Each Planning Advisory Committee prepared their own version of a Vision Statement which was presented to the Citizens Advisory Committee in early December 1992. The Citizens Advisory Committee's job was to synthesize five Vision Statements into one common vision for our river valleys. While this originally appeared as a daunting task, in retrospect it was relatively simple. The Planning Advisory Committees shared a common and consistent vision for our river valleys.

The "Draft" Vision Statement was circulated to over 600 special interest groups and interested citizens for their review and comment. It was reviewed in public at a series of public information evenings, held 1993 February 17, 18, 22, 24 & 25. These meetings were advertised extensively - in the Calgary Herald 1993 January 29, 30, February 6, 7, 13, 17; and in the Calgary Sun January 30, February 7 and 14. These sessions were also advertised in the 1993 February issue of the Calgary Downtown Magazine, and in the February/March issues of community newsletters printed by Riverview Printing and Prism Printing which cover forty-eight (48) communities in Calgary.

The Urban Park Master Plan had a display at the GoPlan Futures Fair, 1993 February 4, 5, and 6, where hand-outs advertising the public information evenings were distributed.

A press kit and media news release advertising the public information evenings generated complimentary radio and T.V. coverage. Posters advertising the meetings were posted in the downtown kiosks and distributed to 108 community associations.

An additional, unadvertised public information evening was held with the Elbow River Residents 1993 March 15 to review the "Draft" Vision Statement and to confirm that the Citizens Advisory Committee was not recommending the acquisition of residential land for the purpose of public access.

Approximately 380 people attended the five (5) advertised public information evenings and an additional 100 people attended the special meeting with the Elbow River Residents.

The results of the public review were recorded and were previously submitted during the review and subsequent approval, by City Council, of the Vision Statement in 1993 May.

The Vision Statement was used to prepare preliminary design concepts that were reviewed at a series of five public review meetings held 1993 June 1, 3, 7, 8, and 10. The Citizens Advisory Committee wanted to review these ideas with the public prior to the preparation of a draft Master Plan. This review successfully identified and resolved many public issues and concerns and increased our mailing list from 600 to 1300 interested special interest groups and citizens.

Following your direction to communicate extensively throughout the process our marketing strategy for review of the preliminary design concepts included the following: advertisement of the review meetings in the Calgary Herald 1993 May 15, 22, 26, 28 and 29; in the Calgary Sun 1993 May 16, 23 and 30; and a display ad in the Calgary Parks and Recreation Summer Program Guide delivered to 275,000 Calgary households. The meetings were also advertised in community newsletters through Riverview Printing and Prism Printing which cover forty eight (48) communities in Calgary. Media kits and press releases were again sent to all major radio and television stations.

Following the public review of the preliminary design concepts, we prepared a second report that summarized the public input. This report was included in our regular project update to Council, 1993 August. The Planning Advisory Committees used the results of the public review of the preliminary design concepts to prepare the draft Urban Park Master Plan which was circulated in the beginning of 1993 September.

The draft Urban Park Master Plan was reviewed during 1993 September and October. It was presented to the public at another series of five public review meetings held 1993 September 20, 22, 23, 27 and 28. As before, these meetings were advertised in the Calgary Herald (1993 September 11, 17, 18 and 22), and in the Calgary Sun (1993 September 12, 19 and 26), and in the Calgary Mirror to all four zones, on 1993 September 11 and 18. The meetings were again given city-wide advertisement through the Calgary Parks and Recreation Fall Program Guide distributed to all households in early 1993 September. Sample advertisements and posters were sent to all 108 community associations, and again, advertisements were placed in community newsletters listed with Riverview Printing and Prism Printing. Media kits and press releases generated considerable additional coverage.

The results of the public review of the draft Urban Park Master Plan are attached. For your information the three public reports that were prepared following Phase Two, Phase Seven and the Draft Plan review are a record of all written and verbal public comments, from the public information meetings, comment sheets, letters, and comments on the Citizens Advisory Committee phone line.

Our objective was to be open to any and all ideas throughout this planning process. However, on careful consideration, some requests were not considered to be compatible with Calgarians shared vision of the river valley.

Expanded use of the river valley for equestrian purposes has been identified as a need throughout the planning process. At their 1993 October meeting, the Citizens Advisory Committee agreed unanimously to support retention of the equestrian rings in South Glenmore Park and continue limited access through the Weaselhead pending resolution of environmental concerns and the results of negotiation between Calgary Parks & Recreation and the Equestrian Advisory Committee. However, expanded equestrian use and equestrian facility development in the river valley was not supported by the Citizens Advisory Committee.

The Citizens Advisory Committee has also had several requests for a shooting range in the river valley. At the 1993 October meeting of the CAC, the request was rejected unanimously. A shooting range was not felt to be consistent with the Vision Statement.

Several concerns have been raised regarding the private land that is shown in the plan. The terms of reference for this project included an assessment of potential park land in the river valley, and the Planning Advisory Committees have identified what they felt were "best-case" scenarios for the long-term incorporation of private land into the river valley park system, on an opportunity basis. The committees are aware that the City is not in a financial position to purchase these lands. They are also aware that the private landowners have legal rights and objectives to develop these lands for purposes other than parkland. There is no intention that any of the private landowners rights would not be respected. The citizens hope to work in a cooperative and collaborative process with private landowners toward meeting mutually acceptable objectives for the river valley.

Several meetings were held to resolve concerns raised by private landowners. The administration and the Urban Park Master Plan coordinator have met independently with representatives of the Urban Development Institute, Burnco, Cominco, the Al Azhar Shriners and Woods Homes. A joint meeting was held with representatives of Burnco, Cominco, Lafarge and Mr. S. Soutzo to resolve these concerns.

As a result of these meetings, the draft Plan was amended to confirm that the legal rights of the landowners to develop their land for purposes other than those identified in the Urban Park Master Plan would be respected.

Proposed vehicle bridge river crossings of the Bow River and the Elbow River are not supported by the Urban Park Master Plan. The Citizens Advisory Committee recognize

that the Urban Park Master Plan was not intended to make a decision regarding river crossings and have been very careful to direct people and correspondence to the GoPlan process. The Citizens Advisory Committee also initiated a joint meeting between the GoPlan Citizens Coordinating Committee 1993 October 3 to ensure that the concerns and information regarding bridge crossings was addressed in the GoPlan process.

Throughout the process, specific concerns were identified by individual community associations. Lakeview Community Association had concerns regarding the recommendations in the draft Plan regarding the Weaselhead. A special meeting was held with the Lakeview Community Association executive and as a result the draft plan has been amended to allow for a interpretive trail loop in the Weaselhead.

The Bowness Community Association had several concerns related to their representation in the planning process and the recommendations in the draft plan that relate to Bowness. A special meeting was held in 1993 November by Alderman Hodges to discuss these issues. The Bow West Planning Advisory Committee met following the meeting and based on public comment, at the meeting, did not feel that amendments to the draft Plan were warranted. Subsequently, the member from Bowness has resigned.

The plan for the Elbow River/Glenmore segment recommends public access along the shore of Heritage Park. Negotiations are in progress regarding this issue.

Special presentations and meetings have also been held with the Calgary Zoo, Downtown BRZ, Calgary Regional Planning Commission, the Development Appeal Board and the Calgary Stampede to discuss their concerns with respect to the draft plan.

To ensure that the proposed plan is implemented as envisioned, the Citizens Advisory Committee is recommending that the Planning Advisory Committees continue to assist Calgary Parks & Recreation in the promotion and review of implementation plans for the development of a viable urban park system as proposed in the Urban Park Master Plan. We are asking for your support for on-going public consultation.

The Citizens Advisory Committee is currently considering using a portion of the Urban Parks Program grant to create a community Partnership Program that would focus on implementing reclamation projects. Unfortunately, the details of this program will not be finalized until 1993 December 1 and cannot be included in this letter. The details of this program will be presented at the Non-Statutory Public Hearing, 1993 December 11.

I would like to take this opportunity to formally thank all the volunteers and Planning Advisory Committee members who have contributed endless hours towards the completion of this plan. I would also like to recognize the role that the print and electronic media have played in this process. Their contribution has been valuable in communicating our objectives to the community at large.

Throughout the planning process the Citizens Advisory Committee has heard consistently from the public that they would like to see the plan entrenched as a planning document.

Following input from the Law and Planning & Building Departments, the Citizen Advisory Committee is recommending that the plan be approved by Council Resolution. Statutory documents such as the 1984 Calgary River Valley's Plan, the General Municipal Plan etc. would then be amended on an on-going basis, to incorporate the Urban Park Master Plan recommendations in collaboration with affected communities.

The Urban Park Master Plan has evolved through a thorough and intensive public planning process. The Citizens Advisory Committee has been encouraged by the enthusiasm and support that Calgarians have demonstrated for this project. This Urban Park Master Plan is submitted with pride and confidence that Calgarians have prepared a realistic and implementable blue print for the long term protection, use and enjoyment of our river valleys.

On behalf of all Calgarians, I want to thank-you for providing the resources and good will that have made the preparation of this plan possible.

Yours truly,

John Simonot
Chairman, Urban Park Master Plan - Citizens Advisory Committee



**ADDENDUM II
URBAN PARK MASTER PLAN
COUNCIL APPROVAL**

SUMMARY OF COUNCIL RECOMMENDATIONS REGARDING APPROVAL OF THE URBAN PARK MASTER PLAN

The Urban Park Master Plan was considered by the Calgary Parks and Recreation Board and the Standing Policy Committee on Community Services, prior to review and approval by City Council. During this approval process some changes were made to the Plan. The following is a brief summary of amendments to the Plan (outside of those related to funding), as adopted by City Council:

1. The Urban Park Master Plan was approved as a policy document with respect to lands within the City limits. The Vision Statement and Principles will be incorporated in the City of Calgary, General Municipal Plan and the Urban Park Master Plan will be considered during amendment or creation of City Planning documents in consultation with affected communities and landowners.
2. The word "waterways" will be added to Principles 1 and 2 after the word "landscape".
3. An additional map will be prepared to clearly indicate privately owned lands, and appropriate wording included in the text to refer readers to the map. *Throughout the Plan, references to the legal rights of private landholders will be clarified as per Council's direction.*
4. Planning Units 10 and 18 (the Douglas Fir Slopes and Edworthy Park) will be referred back to the Administration for further consultations with interested parties and the Ward Alderman, in order to resolve issues pertaining to trail locations as identified in the approval process.
5. Planning Unit 29 (East Village Riverbank) - The text will be amended to indicate that the Simmons building in the East Village will be renovated for "use in accordance with the Area Redevelopment Plan".
6. Planning Unit 62 (Douglasdale Slopes) - The Douglasdale pedestrian bridge will be shown on the map as a dotted line rather than a solid line - to indicate that it is a "proposed" rather than "completed" crossing. **Update:** The location has now been confirmed - maps will be revised to show the correct alignment.
7. Planning Unit 89 (Cathedral/Station) - Recommendations will include a promenade link along the railway bridge from Cathedral Square to Lindsay Park.

8. Planning Unit 96 (Elbow Island Park) - The reference in the Plan to the closure of Elbow Island will be deleted. It will remain accessible to the public.
9. Planning Unit 113 (Weaselhead) - Recommendations for the Weaselhead will be amended to allow for continued pedestrian-only use of the existing man-made footpaths on both sides of the river.
10. Calgary Parks & Recreation will continue public participation through the project implementation process, including local community consultation, regular reviews with the River Valley Committee and each of the Planning Advisory Committees that wish to continue, and circulation to the ward Alderman.
11. Consideration and support will be requested from the municipal jurisdictions outside the City of Calgary regarding recommendations contained in the Plan pertinent to their land.

13-94-15
Minutes
Special Meeting
February 28

MOVED BY ALDERMAN SCHMAL, SECONDED BY ALDERMAN JOHNSTON,
that the Minutes of the Special Meeting of Council, Re:
Completion of the Agenda for the Regular Meeting of Council,
dated 1994 February 28, be confirmed.

MOTION CARRIED

SPECIAL MEETING OF COMMUNITY SERVICES COMMITTEE REPORT
- 1994 FEBRUARY 17, 18 AND 23

NOTE: With the concurrence of the Chairman, the City
Clerk distributed the following with respect to
Clause CS94-08:

- 1) A submission from K. Laustsen, with respect to
the Urban Park Master Plan; and
- 2) A Consolidation of the Recommendations for
Clause CS94-08, Re: Urban Park Master Plan.

13-94-16 *2874*
Rec. No's. 1 f),
g) and h)
CS94-08
Urban Park
Master Plan
(Ref. #13-94-3)

MOVED BY ALDERMAN SCOTT, SECONDED BY ALDERMAN JOHNSTON, that
Recommendation No's. 1. f), g) and h), as contained in the
Consolidation of Recommendations with respect to Clause
CS94-08 of the Report of the Special Meeting of the Standing
Policy Committee on Community Services, dated 1994
February 17, 18 and 23, Re: Urban Park Master Plan, be
adopted, as follows:

- "f) That Planning Unit 10, Douglas Fir Slopes and
Bowness Escarpment, (Page 38), be referred back to
the Administration for a review of the submissions,
further discussion with interested parties,
including the Citizens Advisory Committee, and
discussions with the Ward Alderman.
- g) That Planning Unit 17, Paskapoo Slopes, (Page 41),
be referred to the Law Department with a request
for an interpretation or ruling and recommendation
regarding Paskapoo Slopes being removed from the
zone of influence and included in the Urban Park
Master Plan and whether or not this would require
purchasing.

2874

- h) That Planning Unit 18, Edworthy Park (Page 42) and Planning Unit 20 Shaganappi Slopes (Pages 42 and 43), be referred to the Administration for further consultation with the Bow West Planning Advisory Committee, and the Ward Alderman, with a view to determining if consensus could be reached."

MOTION CARRIED

NOTE: At the request of Alderman Scott, and with the concurrence of the Chairman, the City Clerk distributed a revised Recommendation No. 3, with respect to Clause CS94-08.

13-94-17
Amendment
to Amendment
Rec. No. 3
CS94-08
Urban Park
Master Plan

MOVED BY ALDERMAN HIGGINS, SECONDED BY ALDERMAN SMITH, that Alderman Bronconnier's amendment to Alderman Scott's motion, with respect to Recommendation No. 3, as contained in the Consolidation of Recommendations with respect to Clause CS94-08 of the Report of the Special Meeting of the Standing Policy Committee on Community Services, dated 1994 February 17, 18 and 23, Re: Urban Park Master Plan, be amended by the addition of the words, "and that the Southland Land Use Redesignation proceed to Council by the 1994 May 9 Regular Meeting of Council", after the words, "with respect to some of the other projects on the list".

MOTION CARRIED

13-94-18
As Amended
Amendment
Rec. No. 3
CS94-08
Urban Park
Master Plan

MOVED BY ALDERMAN BRONCONNIER, SECONDED BY ALDERMAN HAWKESWORTH, as amended, that Alderman Scott's motion with respect to Recommendation No. 3, as contained in the Consolidation of Recommendations with respect to Clause CS94-08 of the Report of the Special Meeting of the Standing Policy Committee on Community Services, dated 1994 February 17, 18 and 23, Re: Urban Park Master Plan, be amended, as follows:

- 1) By the deletion of the words, "A-1 Priorities: Eau Claire Promenade, Southland Park and Baker Centre", after the words, "implementation of the following", and by the substitution of the words, "A-1 Priority: Eau Claire Promenade", therefor; and

2874 2)

By the deletion of the words, "of available grant monies", after the words, "prior to expenditure", and by the substitution of the words, "and further, that the report contain priorities, as the Department views it, with respect to some of the other projects on the list, and that the Southland Land Use Redesignation proceed to Council by the 1994 May 9 Regular Meeting of Council", therefor.

RECORDED VOTE:

<u>YEAS:</u>	Aldermen Johnston, Kerr, Bronconnier, Higgins, Schmal, Jones, Erskine and Mayor Duerr	8
<u>NAYS:</u>	Aldermen Scott, Hodges, Longstaff, Smith, Kraychy and Hawkesworth	6

MOTION CARRIED

NOTE: Alderman Erskine advised that the Urban Park Master Plan was one of the largest public participation processes undertaken in the City of Calgary, and he commended the work carried out in this regard.

13-94-19
Amendment
Rec. No. 6
CS94-08
Urban Park
Master Plan

MOVED BY ALDERMAN HAWKESWORTH, SECONDED BY ALDERMAN LONGSTAFF, that Recommendation No. 6, as contained in the Consolidation of Recommendations with respect to Clause CS94-08 of the Report of the Special Meeting of the Standing Policy Committee on Community Services, dated 1994 February 17, 18 and 23, Re: Urban Park Master Plan, be amended by the addition of the words, "and each of the existing Planning Advisory Committees who wish to continue", after the words, "River Valley Committee".

MOTION CARRIED

NOTE: Alderman Scott, on behalf of Mayor Duerr and Members of Council, recognized and thanked the following citizens and members of the Administration for their work on the Urban Parks Master Plan over the past three years:

- 1) Mr. John Simonot, Chairman and members of the Urban Park Master Plan Citizens Advisory Committee;
- 2) Mr. Ken Bosma;
- 3) Mr. Will Pierce;
- 4) Ms. Sara Jane Gruetzner;
- 5) Mr. Dave Elphinstone; and
- 6) Mr. Jim Allison.

13-94-20
As Amended
Consolidation of
Recommendations
Except Rec. 1.
f), g), h) and k)
CS94-08
Urban Park
Master Plan

2874

MOVED BY ALDERMAN SCOTT, SECONDED BY ALDERMAN JOHNSTON, that the Consolidation of Recommendations with respect to Clause CS94-08 of the Report of the Special Meeting of the Standing Policy Committee on Community Services, dated 1994 February 17, 18 and 23, Re: Urban Park Master Plan, with the exception of Recommendation No's. 1. f), g), h) and k), be adopted, after amendment, by the deletion of Recommendation No. 3 in its entirety, and by the substitution of Recommendation No. 3, therefor, as amended, as follows:

"1. Approve the Urban Park Master Plan as a policy document, with respect to lands within City Limits, subject to amendment as follows:

- a) 6.4 URBAN PARK MASTER PLAN AMENDMENT PROCESS
(Page 205, to read as follows:)

'Following approval of the Urban Park Master Plan by the City of Calgary Council, the plan will be forwarded to the Minister of Alberta Community Development. The Minister will review the plan to assure that it meets the requirements for an Urban Park Master Plan as outlined in the program description for the Urban Parks Program.

2874

The Calgary river valley park system will evolve through time and will not be a static system. Changes and amendments to the original Urban Park Master Plan, however, should incorporate the original philosophy of the Vision Statement and Vision Statement Principles, as outlined in Chapter 2 - Urban Park Master Plan Vision Statement.

Erosion of the original vision and integrity of the plan is not an acceptable future to the citizens of Calgary. The same level of interest and concern for the river valley that shaped this plan should be a primary consideration in all future amendments to the plan. The Urban Park Master Plan will be approved through a public hearing process, and therefore, amendments should also be considered at a public hearing.

All amendments to the portions of the plan that will be funded by the Urban Parks Program must be approved by Council Resolution and the Alberta Government, and should adhere to the Vision and Principles outlined in this plan.'

b) 2.4 VISION STATEMENT PRINCIPLES
(Pages 12 and 13, as follows:)

- i. In Principle No. 1, by the insertion of the word 'waterways' following the word 'landscapes'.
 - ii. In Principle No. 11, by the insertion of the words 'and waterways' following the word 'landscape'.
- c) That an additional map be prepared to clearly indicate privately-owned lands and that wording be added, where appropriate, to refer readers to the map and that a disclaimer statement with regard to privately-owned lands be added to all maps.

2874

d) That on the Bow River South Master Plan Map VIII - (Page 115) the Douglasdale pedestrian bridge be shown as a dotted line rather than as a solid line.

e) PLANNING UNIT 96 - ELBOW ISLAND PARK
(PAGE 133)

That the recommendation regarding closure of the Island be deleted and that Elbow Island Park remain accessible to the public.

NOTE: See Motion No. 13-94-16 for Recommendation No's. 1. f), g) and h).

i) That Planning Unit 29, East Village Riverbank (Page 73) third bullet be amended by the deletion of the words 'for use as art gallery or community building' and by the substitution of the following therefor: 'use in accordance with the Area Redevelopment Plan'.

j) That Planning Unit 89, Cathedral/Station (Page 131), be amended by the addition to the third bullet, or alternately by the addition of a sixth bullet, as follows:

'That there be a promenade link from "Cathedral Square", through the railway bridge, and thence to Lindsay Park.'

NOTE: See Motion No. 13-94-21 for Recommendation No. 1. k).

l) That at any point in the Urban Park Master Plan where the word 'purchase' is used it be changed to read 'acquire'.

m) That Planning Unit 54, Southland Wetland 'A' (Page 101) and Planning Unit 58, Southland Wetland 'B' (Page 102) be amended in the last bullet by the insertion of the word 'visual' following the word 'Eventual'.

2874

- n) That the third paragraph of the covering letter be amended to read as follows:

'Many of the recommendations in this plan relate to private land that could be developed for purposes other than those identified in this plan. The Citizens Advisory Committee wishes to confirm that all legal rights of the landowners should be respected when considering land use and development proposals on the private lands subject to the normal planning processes.'

- o) That the third sentence of Section 1.4 - Private Land (Page 1) be amended to read as follows:

'All legal rights of the landowners to develop their land for other purposes should be respected when considering land use amendments and development proposals for private land designated as parkland in this Master Plan.'

- p) That the seventh paragraph of Section 5.1 Introduction (Page 27) be amended to read as follows:

'The plan defines feasible boundaries for the park within the river valleys. Within these boundaries, areas designated as parkland, but currently under private ownership, may or may not remain as open space. It is part of the long-term vision for inclusion of these private lands in the park system as opportunities present themselves either under private or public ownership. It is acknowledged that some private lands within the park boundary will be developed for uses other than open space, where appropriate arrangements cannot be made with the landowners to maintain the land as part of the park.'

- q) That the following note be added to each Master Plan: (Reference to Recommendation 1. c) of the Calgary Parks and Recreation Board):

2874

'The Master plan may include park uses on private lands. It is acknowledged that some private lands within the park boundary will be developed for uses other than open space where appropriate arrangements cannot be made with the land owners to have the land function as part of the park. The legal rights of land owners shall be respected.'

2. Compliment and thank the Citizens Advisory Committee, and specifically the Chairman, Mr. John Simonot, and the five (5) Planning Advisory Committees for their outstanding volunteer effort in the preparation of the Plan.
3. Direct the Administration to initiate implementation of the following A-1 Priority: Eau Claire Promenade. The Administration to return to Council with a detailed budget prior to expenditure, and further, that the report contain priorities, as the Department views it, with respect to some of the other projects on the list, and that the Southland Land Use Redesignation proceed to Council by the 1994 May 9 Regular Meeting of Council.
4. Direct the Administration to utilize the Urban Park Master Plan as a guide during development and management of City owned lands within the river valleys intended for park purposes.
5. That the Vision Statement and Vision Statement Principles as approved by Council, and as set out in Sections 2.2 and 2.4 of the Master Plan, be incorporated in the City of Calgary General Municipal Plan; and further that the Urban Park Master Plan be considered during amendment or creation of City planning documents in consultation with affected communities and landowners.

2648

2874

6. Direct the Administration to continue public participation, through the established capital development processes including local community consultation and regular reviews with the River Valley Committee and each of the existing Planning Advisory Committees who wish to continue, during implementation of the Urban Park Master Plan, and further, that such reviews be circulated to appropriate Ward Aldermen when the project is being proposed.
7. Request the consideration and support of the Calgary Regional Planning Commission and the Municipal Districts of Rockyview and Foothills for the proposals contained in the Plan which fall within their respective jurisdictions.
8. That the Administration be directed to amend the draft document in whole, or in part, to correct any errors, omissions, or changes regarding matters of a factual nature.
9. Approval of the Implementation Priorities, as contained in Attachment No. 4, as amended."

MOTION CARRIED

13-94-21
Rec. 1. k)
CS94-08
Urban Park
Master Plan

MOVED BY ALDERMAN SCOTT, SECONDED BY ALDERMAN JOHNSTON, that Recommendation No. 1. k), as contained in the Consolidation of Recommendations with respect to Clause CS94-08 of the Report of the Special Meeting of the Standing Policy Committee on Community Services, dated 1994 February 17, 18 and 23, Re: Urban Park Master Plan, be adopted, as follows:

- "k) That Planning Unit 113, Weaselhead (Pages 138 and 139), be amended by the addition of the following to the second bullet:

'The retention of such existing man-made foot paths, for pedestrian use only, as presently exist along both sides of the river.'

(ALDERMAN LONGSTAFF OPPOSED)

MOTION CARRIED

13-94-22 **2874** MOVED BY ALDERMAN SMITH, SECONDED BY ALDERMAN HIGGINS, that,
Motion Arising with respect to Clause CS94-08, the Administration report
CS94-08 and Council's decisions be bound into and form part of the
Urban Park Master Plan when it becomes a public document.
Master Plan
(Ref. #13-94-61)

MOTION CARRIED

R E C E S S

13-94-23
Recess

MOVED BY ALDERMAN HIGGINS, SECONDED BY ALDERMAN SCHMAL,
that, in accordance with the provisions of Section 21 (14)
of Procedure By-law No. 39M83, as amended, Council recess at
this point.

MOTION CARRIED

NOTE: Council reconvened at 4:04 p.m., with Mayor Duerr
in the Chair.

LAND AND SHELTER COMMITTEE REPORT - 1994 MARCH 1

13-94-24 **2714** MOVED BY ALDERMAN JONES, SECONDED BY ALDERMAN KERR, that the
LAND94-19 Recommendation contained in Clause LAND94-19 of the Report
Edmonton Trail of the Land and Shelter Committee, dated 1994 March 1, be
N.E. adopted.

MOTION CARRIED

13-94-25
22M94
1st Reading

MOVED BY ALDERMAN JONES, SECONDED BY ALDERMAN KERR, that
By-law No. 22M94, Being a By-law of The City of Calgary for
the Disposition of Certain Lands Pursuant to the Provisions
of the Tax Recovery Act, R.S.A. 1980, Chapter T-1, As
Amended, be introduced and read a first time.

MOTION CARRIED

13-94-26
22M94
2nd Reading

MOVED BY ALDERMAN JONES, SECONDED BY ALDERMAN KERR, that
By-law No. 22M94 be read a second time.

MOTION CARRIED

**CONSOLIDATION OF RECOMMENDATIONS
URBAN PARKS MASTER PLAN - CS94-08**



1. Approve the Urban Park Master Plan as a policy document, with respect to lands within City Limits, subject to amendment as follows:
 - a) 6.4 URBAN PARK MASTER PLAN AMENDMENT PROCESS
(Page 205, to read as follows:)

'Following approval of the Urban Park Master Plan by the City of Calgary Council, the plan will be forwarded to the Minister of Alberta Community Development. The Minister will review the plan to assure that it meets the requirements for an Urban Park Master Plan as outlined in the program description for the Urban Parks Program.

The Calgary river valley park system will evolve through time and will not be a static system. Changes and amendments to the original Urban Park Master Plan, however, should incorporate the original philosophy of the Vision Statement and Vision Statement Principles, as outlined in Chapter 2 - Urban Park Master Plan Vision Statement.

Erosion of the original vision and integrity of the plan is not an acceptable future to the citizens of Calgary. The same level of interest and concern for the river valley that shaped this plan should be a primary consideration in all future amendments to the plan. The Urban Park Master Plan will be approved through a public hearing process, and therefore, amendments should also be considered at a public hearing.

All amendments to the portions of the plan that will be funded by the Urban Parks Program must be approved by Council Resolution and the Alberta Government, and should adhere to the Vision and Principles outlined in this plan.'

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b) 2.4 VISION STATEMENT PRINCIPLES
(Pages 12 and 13, as follows:)

- i. In Principle No. 1, by the insertion of the word "waterways" following the word "landscapes".
- ii. In Principle No. 11, by the insertion of the words "and waterways" following the word "landscape".

- c) That an additional map be prepared to clearly indicate privately-owned lands and that wording be added, where appropriate, to refer readers to the map and that a disclaimer statement with regard to privately-owned lands be added to all maps.
- d) That on the Bow River South Master Plan Map VIII -(Page 115) the Douglasdale pedestrian bridge be shown as a dotted line rather than as a solid line.

e) PLANNING UNIT 96 - ELBOW ISLAND PARK
(PAGE 133)

That the recommendation regarding closure of the Island be deleted and that Elbow Island Park remain accessible to the public."

- f) That Planning Unit 10, Douglas Fir Slopes and Bowness Escarpment, (Page 38), be referred back to the Administration for a review of the submissions, further discussion with interested parties, including the Citizens Advisory Committee, and discussions with the Ward Alderman.
- g) That Planning Unit 17, Paskapoo Slopes, (Page 41), be referred to the Law Department with a request for an interpretation or ruling and recommendation regarding Paskapoo Slopes being removed from the zone of influence and included in the Urban Park Master Plan and whether or not this would require purchasing.

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- h) That Planning Unit 18, Edworthy Park (Page 42) and Planning Unit 20 Shaganappi Slopes (Pages 42 and 43), be referred to the Administration for further consultation with the Bow West Planning Advisory Committee, and the Ward Alderman, with a view to determining if consensus could be reached.
- i) That Planning Unit 29, East Village Riverbank (Page 73) third bullet be amended by the deletion of the words "for use as art gallery or community building" and by the substitution of the following therefor: "use in accordance with the Area Redevelopment Plan".
- j) That Planning Unit 89, Cathedral/Station (Page 131), be amended by the addition to the third bullet, or alternately by the addition of a sixth bullet, as follows:

"That there be a promenade link from 'Cathedral Square', through the railway bridge, and thence to Lindsay Park."
- k) That Planning Unit 113, Weaselhead (Pages 138 and 139), be amended by the addition of the following to the second bullet:

"The retention of such existing man-made foot paths, for pedestrian use only, as presently exist along both sides of the river."
- l) That at any point in the Urban Park Master Plan where the word "purchase" is used it be changed to read "acquire".
- m) That Planning Unit 54, Southland Wetland "A" (Page 101) and Planning Unit 58, Southland Wetland "B" (Page 102) be amended in the last bullet by the insertion of the word "visual" following the word "Eventual".

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- n) That the third paragraph of the covering letter be amended to read as follows:

"Many of the recommendations in this plan relate to private land that could be developed for purposes other than those identified in this plan. The Citizens Advisory Committee wishes to confirm that all legal rights of the landowners *should be respected when considering land use and development proposals on the private lands subject to the normal planning processes.*"

- o) That the third sentence of Section 1.4 - Private Land (Page 1) be amended to read as follows:

"All legal rights of the landowners to develop their land for other purposes should be respected when considering land use amendments and development proposals for private land designated as parkland in this Master Plan."

- p) That the seventh paragraph of Section 5.1 Introduction (Page 27) be amended to read as follows:

"The plan defines feasible boundaries for the park within the river valleys. Within these boundaries, areas designated as parkland, but currently under private ownership, may or may not remain as open space. It is part of the long-term vision for inclusion of these private lands in the park system as opportunities present themselves either under private or public ownership. It is acknowledged that some private lands within the park boundary will be developed for uses other than open space, where appropriate arrangements cannot be made with the landowners to maintain the land as part of the park."

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- q) That the following note be added to each Master Plan:
(Reference to Recommendation 1. c) of the Calgary Parks and Recreation Board)

"The Master plan may include park uses on private lands. It is acknowledged that some private lands within the park boundary will be developed for uses other than open space where appropriate arrangements cannot be made with the land owners to have the land function as part of the park. The legal rights of land owners shall be respected."

2. Compliment and thank the Citizens Advisory Committee, and specifically the Chairman, Mr. John Simonot, and the five (5) Planning Advisory Committees for their outstanding volunteer effort in the preparation of the Plan.
3. Direct the Administration to initiate implementation of capital projects cited as A-1 priority in Bow West, Bow Centre and Nose Creek; and A-1 through A-3 priority in Bow South and Elbow study areas (Attachment 4). Where projects do not prove feasible at time of detailed planning and design, the Administration is instructed to proceed to A-2 and/or A-3 priorities in Bow West, Bow Centre and Nose Creek, not to exceed available grant monies. Capital budgets for Urban Park projects will be included in normal capital budget submissions for Council's consideration. That hand-launch sites be designated and developed at Bearspaw Dam, Edworthy, Douglasdale, FCPP at 22X, and Glenmore Dam, and that these be upgraded to an A-1 priority. A hand-launch site shall not be constructed in Bowness Park.
4. Direct the Administration to utilize the Urban Park Master Plan as a guide during development and management of City owned lands within the river valleys intended for park purposes.

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5. That the Vision Statement and Vision Statement Principles as approved by Council, and as set out in Sections 2.2 and 2.4 of the Master Plan, be incorporated in the City of Calgary General Municipal Plan; and further that the Urban Park Master Plan be considered during amendment or creation of City planning documents in consultation with affected communities and landowners.
6. Direct the Administration to continue public participation, through the established capital development processes including local community consultation and regular reviews with the River Valley Committee, during implementation of the Urban Park Master Plan, and further, that such reviews be circulated to appropriate Ward Aldermen when the project is being proposed.
7. Request the consideration and support of the Calgary Regional Planning Commission and the Municipal Districts of Rockyview and Foothills for the proposals contained in the Plan which fall within their respective jurisdictions.
8. That the Administration be directed to amend the draft document in whole, or in part, to correct any errors, omissions, or changes regarding matters of a factual nature.
9. Approval of the Implementation Priorities, as contained in Attachment No. 4, as amended.