



BPRD COMPREHENSIVE PLAN: PARKS, TRAILS, FACILITIES & PROGRAMS

2018-2022

ADOPTED 2-15-18



**BISMARCK PARKS AND
RECREATION DISTRICT**
Est. 1927

COMPREHENSIVE PLAN PARKS, TRAILS, FACILITIES & PROGRAMS

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COMPREHENSIVE PLAN PARKS, TRAILS, FACILITIES & PROGRAMS

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INTRODUCTION

The BPRD Comprehensive Plan is a summary of all the planning tools used in the strategic planning process, including community input, profiling, inventories, analysis, and needs assessments.

Bismarck Parks and Recreation District (BPRD) has a history of planning, including comprehensive plans, strategic planning and park master plans. In 2006, BPRD started a new wave of long-range planning with a wide range community input survey, a reworking of the district's vision, mission and values, and an in-depth evaluation of the district as a whole including past plans, facility and land assessments, and funding opportunities.

The goals derived from the planning process will be the long-range goals of the district for the foreseeable future. The objectives and actions that stem from these overarching goals will be reevaluated every year as the strategic plan is updated. A schematic of the planning process from comprehensive plan to annual budget and action plan is shown on the following page.

Through this comprehensive planning process and with review and analysis of the information gathered, BPRD has set forth the following vision, mission, core values and core purpose.

Vision: To be the leader and premier provider of public parks, programs, facilities and leisure services.

Mission: Working with the community to provide residents and visitors the highest quality park, program, facility and event experience.

Core Values:

- *Accountability*
- *Collaboration*
- *Community*
- *Diversity*
- *Integrity*
- *Professionalism*

Core Purpose:

To provide affordable, accessible and sustainable public park and recreation services.

COMMUNITY OVERVIEW

Demographics

Bismarck lies along the banks of the Missouri River in the heart of North Dakota, and is home to Bismarck Parks and Recreation District (BPRD).

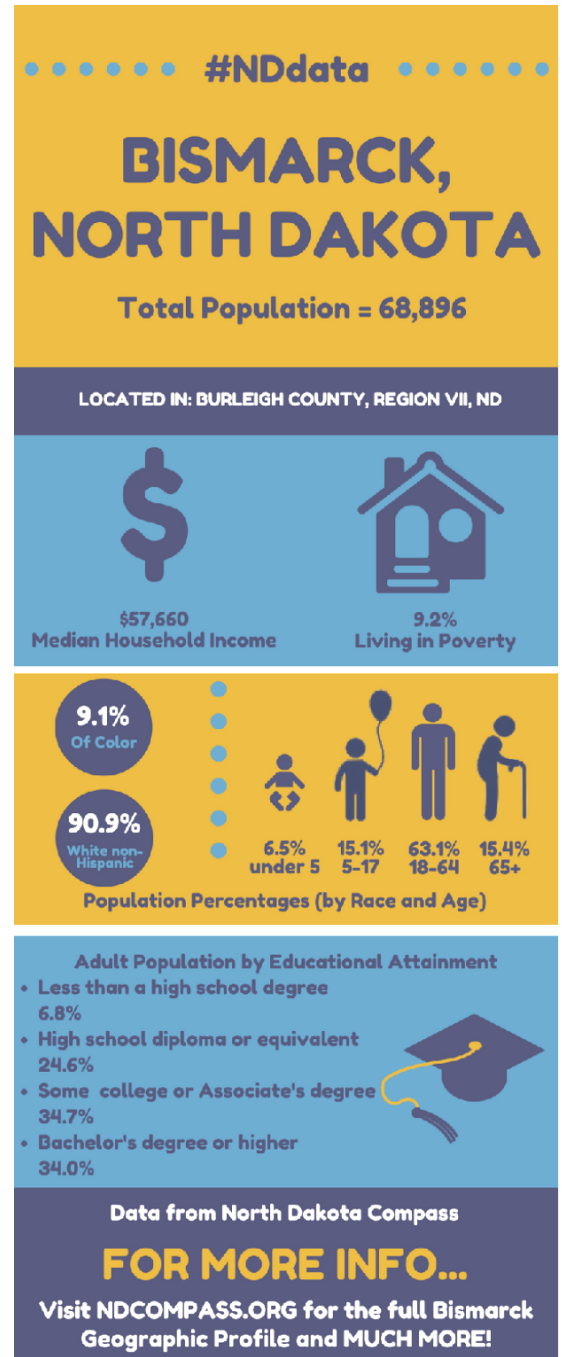
DEMOGRAPHICS

The City of Bismarck encompasses 27 square miles and in 2016, was estimated to have a population of 71,246. This encompasses only those living within the city limits and not the continually expanding rural population of Bismarck. The population is expected to grow by over 17% by 2030, with the boundary of the City of Bismarck growing each year.

POPULATION PROJECTION	2020	2030	2040
BISMARCK	75,058	88,890	102,723
OTHER COUNTY	21,630	25,616	29,602
TOTAL COUNTY	99,678	118,047	136,418

Sources: U.S. Census Bureau

City of Bismarck Planning & Development Department



In order to look at long-range planning for the park district, BPRD reviewed and/or was involved in the community plans outlined below. Any comprehensive planning effort by BPRD needs to align with the plans of the community as a whole.

Bismarck-Mandan Bicycle + Pedestrian Master Plan

Completed in December, 2017, this plan included input from both Cities, both Park Districts and many other groups in the community. The plan looks at the bicycle and pedestrian network in both communities and provides goals for promoting alternative transportation in four areas: engineering, education, encouragement and enforcement.

Bismarck North Dakota Growth Management Plan

The Bismarck Board of City Commissioners approved the proposed 2014 Growth Management Plan after a public hearing on April 22, 2014. BPRD involvement in the plan included the Executive Director serving on the technical committee and the Park Board President served on the Policy Committee. BPRD reviewed and assisted in developing the open space and park components of the plan.

City of Bismarck Strategic Plan

The City of Bismarck Strategic Plan was adopted March 27, 2012 through a collaborative process engaging citizens and community stakeholders. BPRD participated as one of the stakeholders.

Bismarck-Mandan Metro Area Long-Range Transportation Plan: Envision 2040

BPRD has provided input and review of long-range recreation trail and pedestrian routing as transportation alternatives. The plan was adopted by the Bismarck-Mandan Metropolitan Planning Organization on March 17, 2015.

Bismarck Downtown Sub-Area Study

Accepted by the City of Bismarck Board of Commissioners on December 17, 2013. BPRD took part in plan review sessions concerning parks, open space and trail connections within the downtown area.

City of Bismarck Venues Task Force and Study 2014

City of Bismarck initialized a task force and third party consultant to study the need for additional community facilities. BPRD Executive Director sits on the task force.

City of Bismarck North Dakota Comprehensive Land Use Policy Plan

Published by the Bismarck-Burleigh County Planning Department.

BPRD uses the plan as a reference in identifying land planning and potential acquisition of park land or open space.

Burleigh County Comprehensive Land Use Plan

Plan development has been ongoing since 2005. BPRD participated originally by presentations to the Burleigh County Commission Committee. Plan was discarded, revised and accepted in 2014.

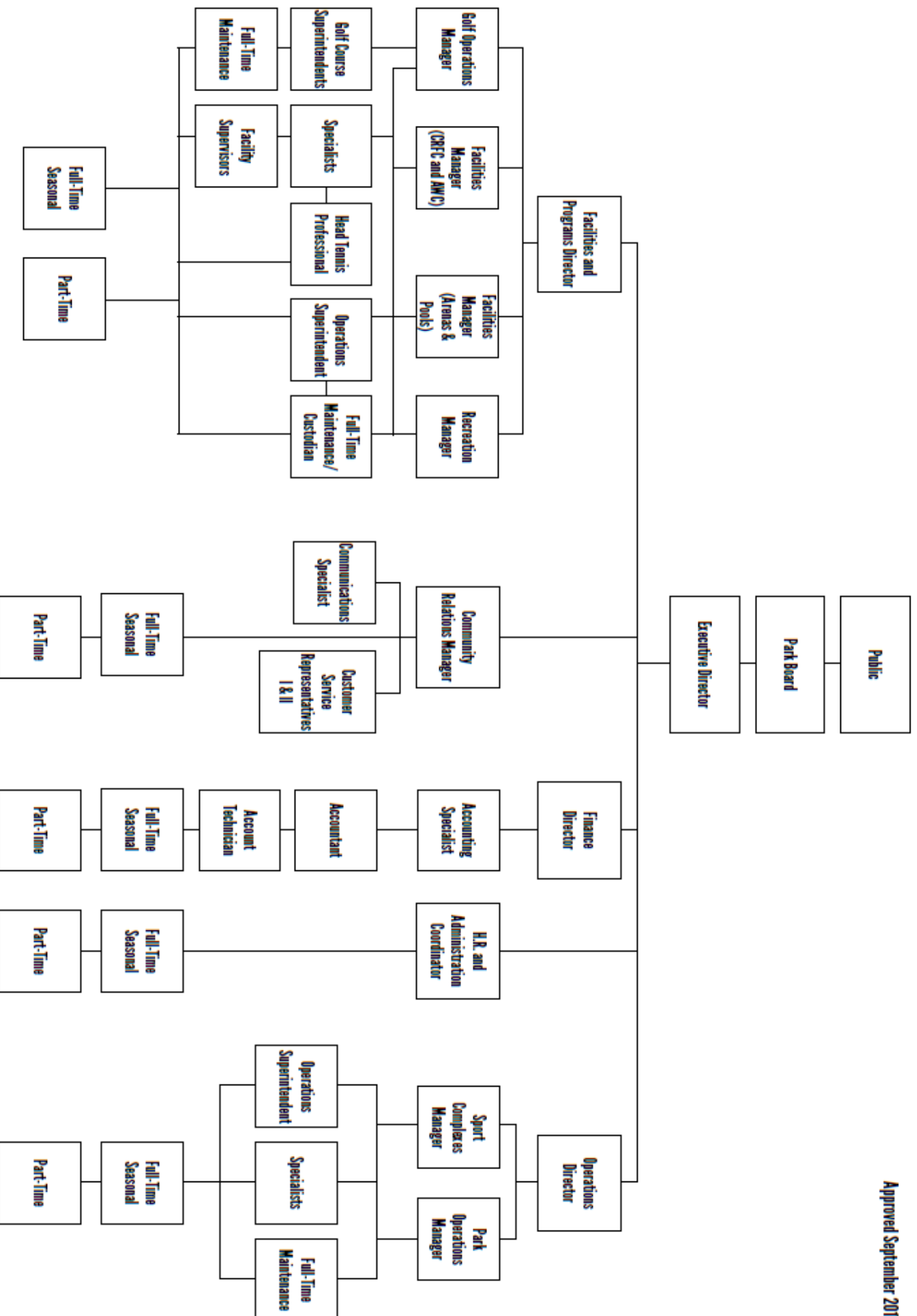


**BISMARCK PARKS AND
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Organizational Chart

Note:
Organizational chart indicates
structure and line of authority not
representative of positions and salary.

Approved September 2017



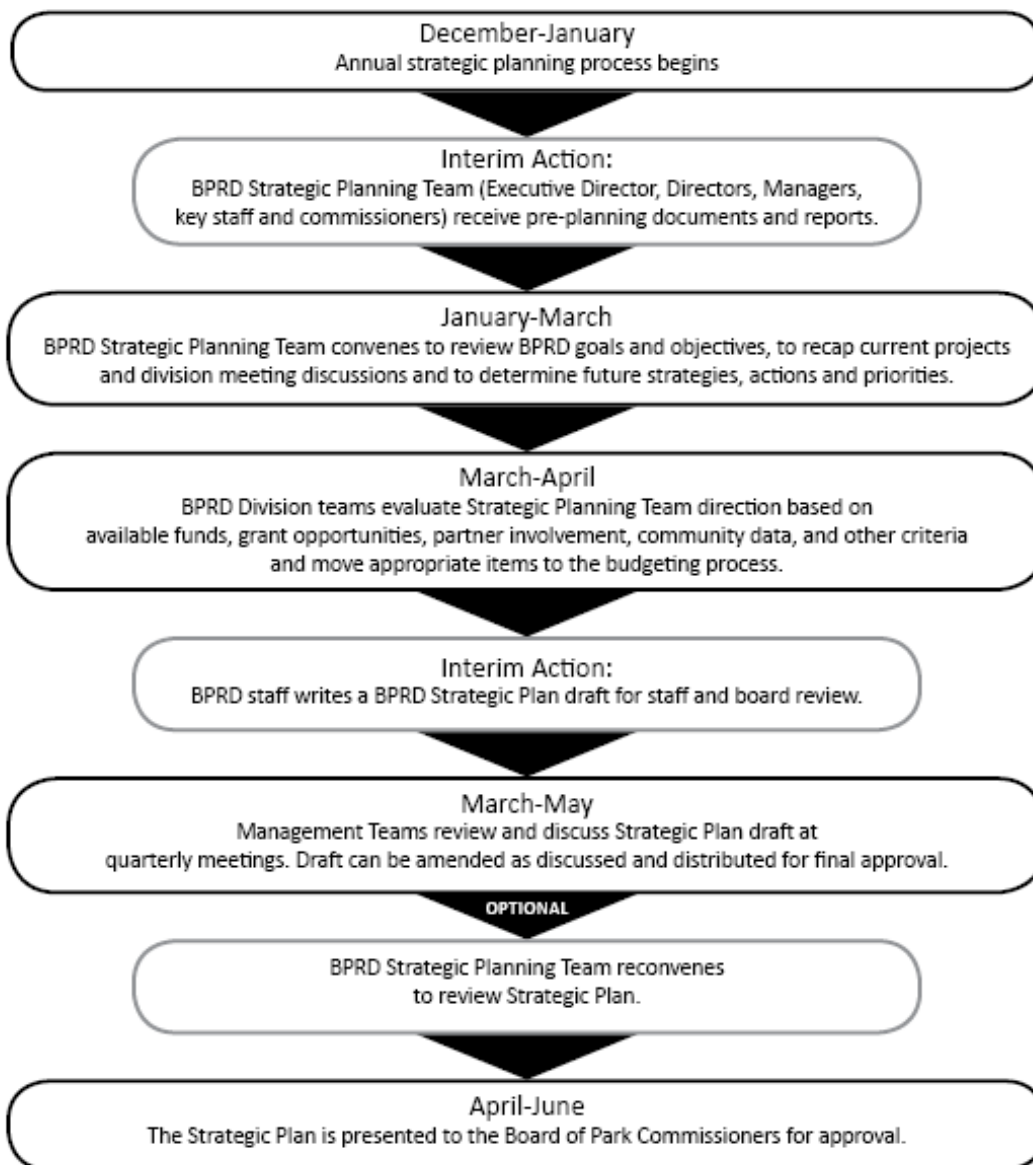
DISTRICT OVERVIEW

Org Chart

This diagram shows the annual planning process that begins with re-evaluating the comprehensive planning tools and the objectives and actions of the previous year's strategic planning.



Strategic Planning Process



BPRD has a long history of comprehensive planning, going back to its first officially adopted plan in 1987. The planning process includes re-evaluating previous plans and resulting actions.

- Parks and Recreation System Comprehensive Plan (1987)
- Toward 2000 Parks and Recreation Comprehensive Plan (1995)
- Path to 2005 Bismarck Parks and Recreation District Strategic Plan (2001)
- Bismarck Parks and Recreation District “Path to 2005”: Mid-point Update (2003)
- McDowell Dam Recreation Area Strategic Plan (2005)
- *Strategic Plan 2008-2010*

Included 2006 report by Great Plains Benefits Group with results of public input survey, community leader input and staff/user group input. A new vision, mission, core values and core purpose were developed as part of this plan.

Ongoing planning includes yearly budget plans, seasonal programming plans and day-to-day planning including responding to comments, updating programs and facilities, and maintenance changes.

- *Comprehensive Plan: Input, Inventories & Analysis 2010-2015*
- *Natural Resources Management Plan 2009-2011, 2013-2015*
- *Recreation Programming Plan 2009-2011, 2013-2018*
- *Strategic Plan Updates 2009-2011, 2010-2012, 2011-2013, 2012-2014, 2013-2015*
- *Strategic Plan Updates 2014-2016, 2015-2017, 2016-2018, 2017-2019, 2018-2020, 2019-2021*

BPRD also completes an “Improvements Summary” each year, which looks at all of the projects completed by the BPRD by type of project and cost. The Improvement Summary generally covers a three year time period.

Goals and Objectives 2019-2021

GOAL: To create, advocate and preserve diverse recreational and leisure opportunities for all.

Objective: Reinvest in existing parks, programs and facilities to maximize community access and usability.

Objective: Create new and redevelop existing parks, facilities and programs to accommodate a growing, changing and diverse community.

GOAL: To ensure professional delivery and operation of public park and recreation services, facilities and programs.

Objective: Invest in staff and staff resources to provide the highest quality customer service and experience.

Objective: To achieve the highest standards of public safety for participants and staff at all parks, trails and facilities and within all programs.

GOAL: To be an effectively governed, efficiently managed and fiscally sound organization.

Objective: Utilize revenue policy to continually improve the district and to support new development and offerings.

Objective: Establish policy and set direction in the interest of the community and stakeholders.

Objective: Secure resources in cooperation with public and private entities, including the land necessary for trails, parks, and facilities development and open space.

GOAL: To develop community relations initiatives that will result in greater awareness of the role played by the BPRD in healthy lifestyles, environmental stewardship and community livability.

Objective: Develop the means, methods and messages to effectively communicate with the public all activities, issues, opportunities and accomplishments.

Objective: Develop models and continue practices of environmental stewardship and conservation for the community.

Recreation Trends Analysis

More Active Seniors: Over 15 percent of Bismarck's population are over 65 years of age. In North Dakota, the percent of the population over the age of 65 is expected to jump from 15% in 2010 to 23% in 2020. As the life expectancy age continues to rise, more and more seniors are demanding more recreation and programs for many more years past retirement.

Increasing Diversity: The percentage of minorities in Bismarck rose from 2010 to 2014 and continues to increase.

Increasing Access to Technology: Park and facility users are more and more tech-savvy and expect to have the latest technology at their fingertips.

- Mobile websites and apps
- Self-monitoring technology (fitbits, etc)
- Games and apps that get people moving (Pokemon Go, etc)

Increased Desire for Nature-based Programming: More complicated lives are leading many toward finding a way back to nature.

- Ways to explore nature, both structured and unstructured
- Non-motorized water use, including kayak and paddleboard
- Nature-based playgrounds
- Technology and nature (geo-cache)

Increased Demand for Walkable Communities and Multi-Modal Transportation: Millennials and retired folks are expressing the desire for more walkable neighborhoods and many are moving into downtowns to get it. Recreation centers that have been located on the fringe of the community may need to be relocated to the heart of the community.

New Looks and Locations for Public Spaces: With land costs at a premium, some communities are getting creative with where their programming is planned.

- Parklets: public spaces temporarily set up in on-street parking spaces
- Parks developed on land that was formerly parking lots, railroad lines, and more.
- Multi-sport complexes: indoor and outdoor sport venues in one location
- Utilizing mobile play options like the Imagination Playground so that play can happen indoors, outdoors, anywhere.

Non-traditional Partnerships

- Health Care Industry: Doctors writing prescriptions to visit parks and trails
- New levels for sponsorships and naming rights, including naming rights perpetuity

Move toward More Non-structured Recreation

- Trails, both paved and unpaved
- Access to water
- Pools/splash pads
- Picnic areas
- Playgrounds
- Outdoor fitness/obstacle course

American's Favorite Summer Outdoor Activities

An online survey conducted by the National Recreation and Park Association asked 1,000 Americans, ages 18+, what their favorite summertime outdoor activities are.

All top 3 results reflect activities that can be enjoyed at public parks nationwide.

TOP 3 ACTIVITIES:

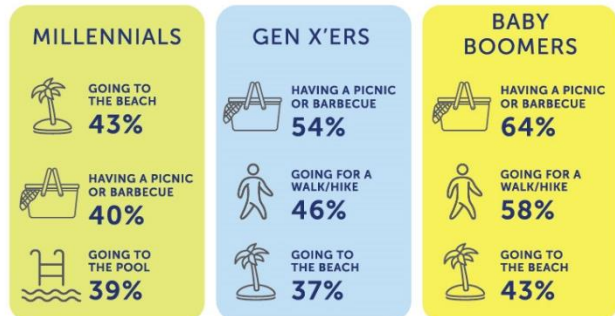


Programming Trends Analysis

Most Commonly Planned Programs Nationally (NRPA)

1. Environmental education
2. Teen programming
3. Fitness programs
4. Educational programs
5. Programs for active older adults
6. Holiday events and other special events
7. Mind-body/balance programs
8. Sports tournaments or races
9. Individual sports activities
10. Festivals and concerts

FAVORITE ACTIVITIES BY GENERATION:

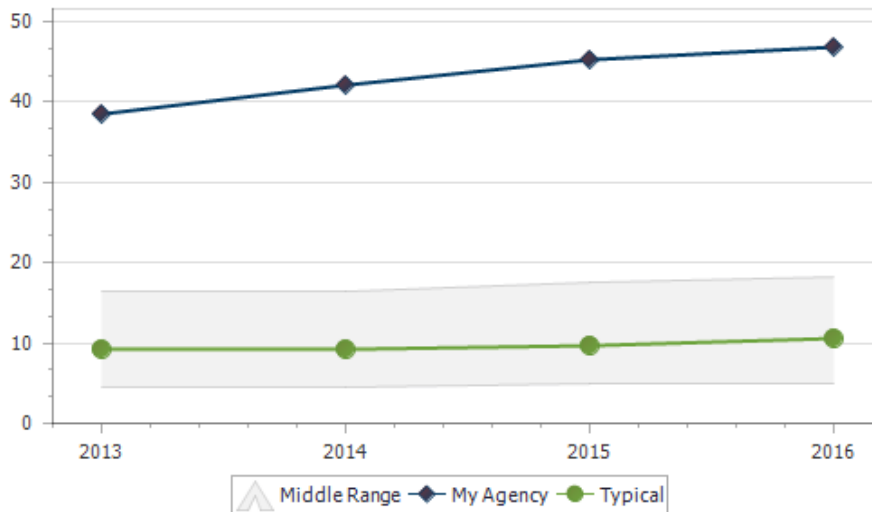


www.nrpa.org

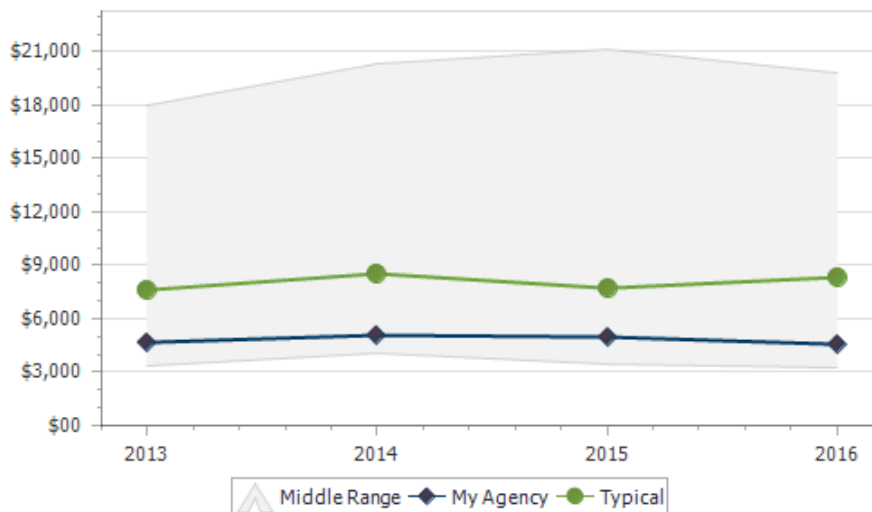
Park Metrics, formerly PRORAGIS (Parks and Recreation Operating Ratio and GIS) is the national recreation and parks database and the source for critical data designed to assist park and recreation professionals in the effective management and planning of their resources and facilities. As a national database, the power of Park Metrics is its ability to run comparative reports to help agencies effectively manage and plan their resources and facilities. The following graphs show 2016 BPRD data in blue in comparison with the typical industry response in green.

Agency Performance Report

Acres per 1,000 Population



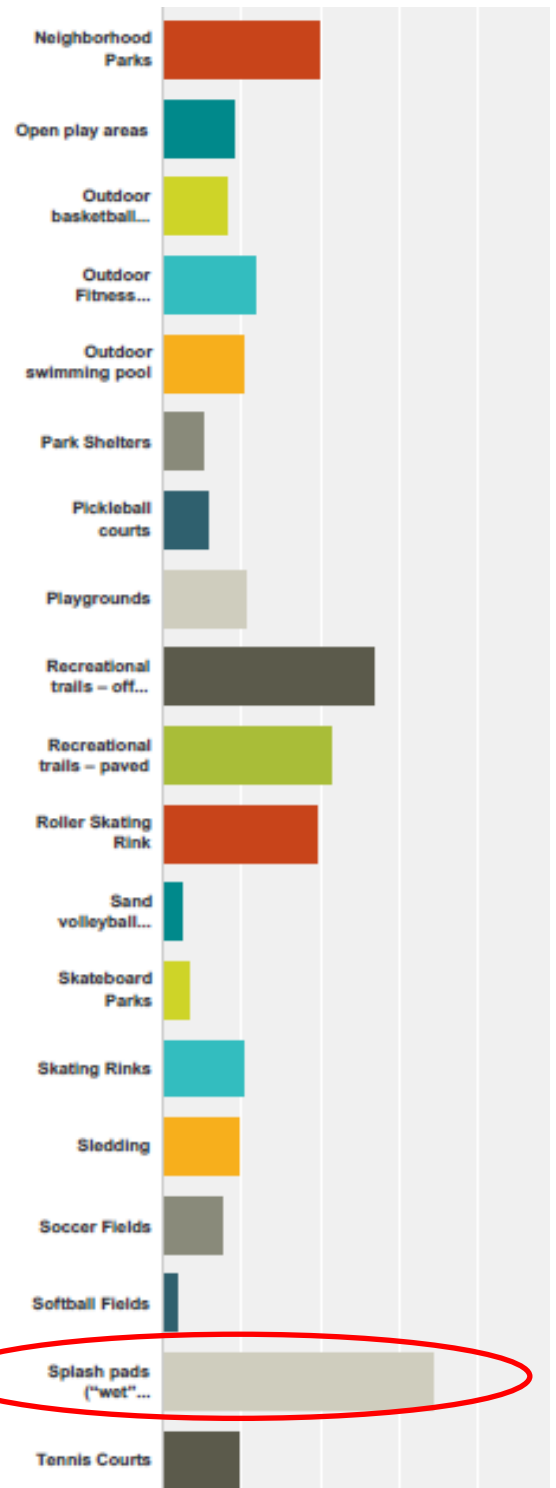
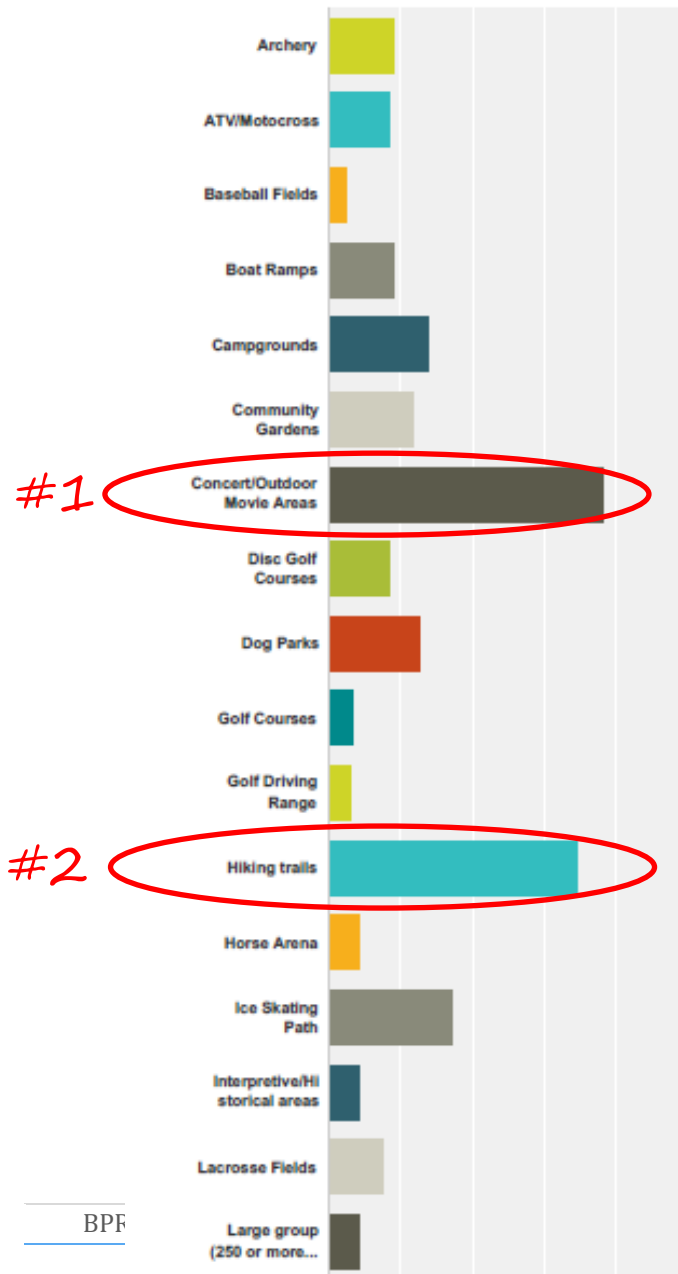
Operating Expenditures per Acre



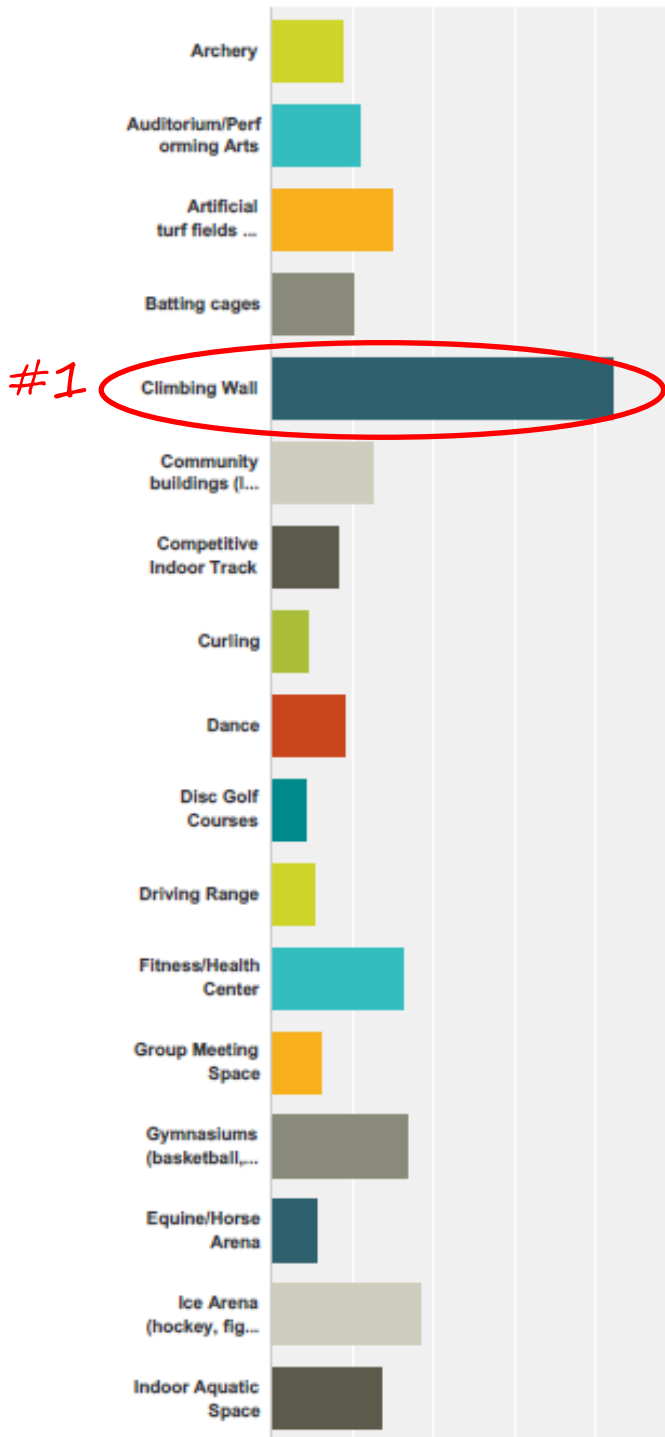
Online Survey Results

In January of 2017, Bismarck Parks and Recreation District (BPRD) invited Bismarck residents to participate in a community survey and share their views on programs, parks and facilities. The survey, an online questionnaire using Survey Monkey, was part of the BPRD 2018-2020 Strategic Planning process. The purpose of the survey was to measure needs, trends and priorities, as well as to receive public input on BPRD strengths and opportunities.

Q8 What new or additional outdoor parks and recreation facilities would you and/or members of your household be interested in having developed or enhanced? (Please select up to five.)

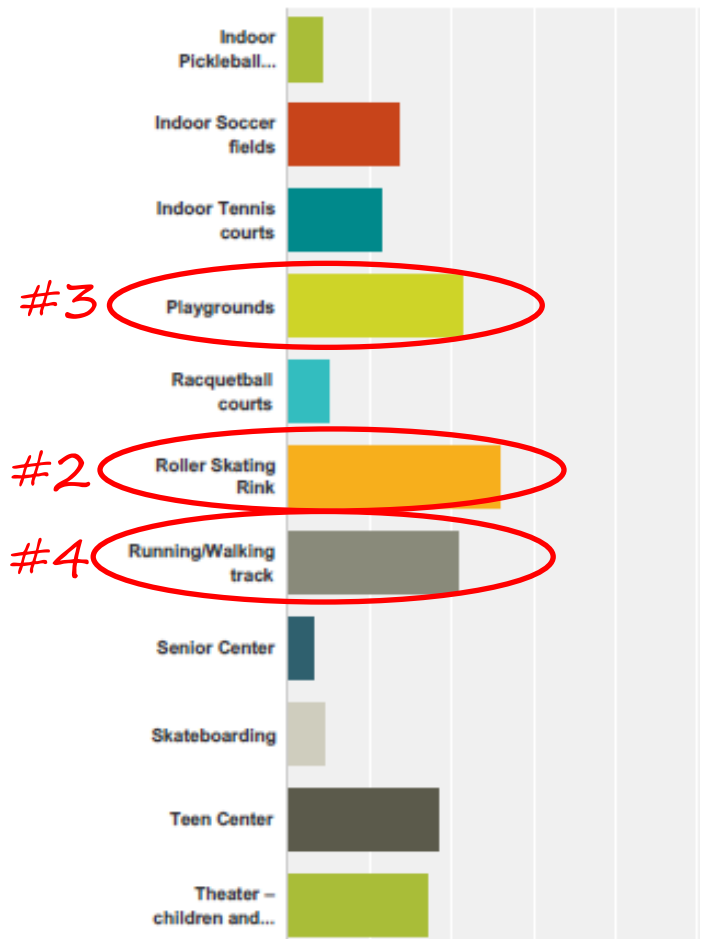


Online Survey Results



Q10 What new or additional indoor parks and recreation facilities would you and/or members of your household be interested in having developed or enhanced? (Please select up to five.)

Answered: 570 Skipped: 147



COMMUNITY SNAPSHOT

Recreation Facilities

FACILITY DESCRIPTION	BPRD	OTHER	ENTITY	FACILITY DESCRIPTION	BPRD	OTHER	ENTITY
Amusement Park		1	Superslide	Ice Rinks			
Archery	1			Outdoor Hockey Rink	5	1	schools
Ball Diamonds				Outdoor Pleasure Rink	5	4	schools
Baseball	12	4	UMary Shiloh Legacy HS	Indoor Rinks	4		
Softball	28			Curling Sheets	4		
Basketball				Picnic Shelters	33		
Rec. Hoops	1			Playgrounds 5-12	38	16	schools
Full Courts	4			Playgrounds 2-5	12	1	schools
Indoor Courts	3	30	Schools YMCA, BSC UMary	Remote Control Airfields	2		
Boat Ramps	9			Skate Parks	2		
Camping Spaces	239			Soccer Complex	3	3	Schools UMary
Community Garden Sites	4			Stables	1		
Cross Country Skiing	2			Stadium (football/soccer/track)	0	3	Bowl, Shiloh, UMary
Disc Golf Courses	2			Swimming Pools			
Dog Parks	3			Outdoor	3	1	Apple Creek
Fitness Center	2	3	UMary YMCA-FW	Indoor	2	2	YMCA
				Pickleball Courts	2		
Golf Holes				Tennis Courts			
Standard	45	36	Hawktree Apple Creek	Outdoor Courts	19	6	Legacy HS
Driving Ranges	3	2	Hawktree Apple Creek	Indoor Courts	4		
Junior Golf	3			Volleyball Courts			
Horseshoe Courts				Sand Courts	19		
Covered/Lighted	24			Indoor Courts	3	4	YMCA
Shelter Pits	33			Warming Houses	6		

LAND OWNED AND MANAGED BY BPRD		
<i>Description</i>	<i>Acres</i>	<i>Acres per 1000 Residents*</i>
Neighborhood Park		
16th St. Playground	4.7	
23rd St. Playground	2.5	
Custer Park	2.4	
Duemeland Park	4.1	
Heritage Park	4.9	
Horizon Park	8.8	
Igoe Park	4.5	
Jaycee Park	11.8	
Johnny Gisi Memorial Park	3.0	
Kiwanis Park	13.6	
Marion Park	8.6	
McQuade Softball Complex	11.1	
Municipal Ballpark/Community Gardens	11.8	
New Generations Park	11.7	
Normandy Park	8.7	
North Central Park	5.4	
Optimist Park	3.0	
Sons of Norway Park	6.9	
Southland Park	2.3	
South Meadows Park	3.7	
Sunrise Park	6.6	
Tatley/Eagles Park	17.1	
Tom O'Leary Tennis Courts	1.8	
Wachter Park	8.0	
Zonta Park	3.8	
Neighborhood Park Total	170.7	2.40
District/Community Park		
Clem Kelley Complex	39.0	
Cottonwood Park	225.5	
Hoge Island (40 acres undeveloped)	105.0	
Lions Park/Hillside Pool	35.7	
Pioneer Park and Pioneer Overlook	57.6	
Scheels Sports Complex	49.7	
Sertoma Park	143.5	
Sleepy Hollow	45.1	
District Park Total	701.0	9.86
Historic/Interpretive Parks		
Chief Lookings Village (within Pioneer Park)	17.6	
Keelboat Park	16.2	
Mills Nature Park	42.2	
Steamboat Park	4.0	
Historic/Passive Park Total	80.0	1.12

Greenways/Open Space		
Atkinson Nature Park	137.9	
Edgewood Greenway	48.6	
Hay Creek Greenway	177.4	
Highland Acres Park	10.4	
Menards Trail Loop	8.6	
Overlook Green Space	7.2	
Rosa Young Property	5.8	
Southland Greenway (minus land for Southland Park)	5.8	
Sunrise Greenway (minus land for Sunrise Park)	9.9	
Tyler Coulee Greenway	13.1	
Valley Drive Greenway	56.3	
Greenway Total	481.0	6.76
Description	Acres	Acres per 1000 Residents*
Specialty Parks		
Bismarck Archery Complex	33.7	
Century Rec Complex & Bark Park	17.5	
Fox Island Boat Ramp	13.0	
Walt Neuen's Horse Arena	24.3	
Specialty Park Total	88.5	1.25
Golf Courses		
Tom O'Leary Golf Course (including Sheila Schafer Junior Links)	127.4	
Pebble Creek Golf Course	130.7	
Riverwood Golf Course	246.0	
Golf Course Total	504.0	7.09
Facility/Building Land		
BPRD Office/Peace Park	1.2	
Capital Racquet and Fitness Club	0.9	
Elks Aquatic Center	1.3	
Fore Seasons Center	6.0	
Frances Leach High Prairie Arts & Science Complex	2.0	
Memorial Building	0.3	
Municipal Country Club	2.0	
Schaumburg Arena	2.5	
VFW Sports Center	4.9	
Facility/Building Total	21.0	0.30
Undeveloped Land		
Channel Drive Land	14.0	
Undeveloped Total	14.0	0.20
DISTRICT OWNED & MANAGED TOTAL	2060.2	28.98
<i>*based on 2015 census estimate numbers: Bismarck population of 71,137</i>		

<i>LEASED AND/OR MANAGED LAND NOT OWNED BY BPRD</i>		
Description	Acres	Acres per 1000 Residents*
City of Bismarck (south & north of I-94)	45.0	
Eagles Park	19.9	
East Sibley Park	108.0	
Kimball Bottoms	33.0	
Kneifel Boat Landing	13.2	
McLean Bottoms	6.5	
McDowell Dam	271.0	
Missouri Valley Complex	410.5	
Riverfront	308.0	
Sibley Park	138.0	
Steckel Park	6.4	
Swenson Park	13.5	
Zoeller (Hay Creek trail easement)	0.7	
Leased/Managed Total	1373.6	19.32
ALL LAND MANAGED BY BPRD (OWNED OR LEASED) TOTAL	3433.9	48.30



Youth Sports Programs

Participation Numbers	2012	2013	2014	2015	2016	2017	Notes
BASEBALL - YOUTH							
Mites (5 & 6)	164	186	144	111	144	144	Day program
Squirts (7 - 9)	90	97	115	132	108	77	Evening program
Cal Ripken (10 - 12)	43	47	44	69	60	71	Offered by BYB
Total	297	330	303	312	312	292	
BASEBALL – BABE RUTH							
13 Year Old	82	58	82	48	67	67	
14 - 15 Year Old	90	99	88	101	80	97	
Total	172	157	170	149	147	164	
BASEBALL – LEGION & BABE RUTH							
Governors - Senior Legion	15	15	14	15	16	15	
Reps - Junior Legion	26	37	14	16	16	12	
Red Team	14	13					
White Team		12					
Blue Team	12	12					
Senators - Senior Babe Ruth			15	15	14	11	
Total	41	53	43	46	46	38	
BASKETBALL							
Boys 5 th & 6 th	298	236					Strictly recreational
Teams	37	30					School-based program
Boys 5 th (6 th Grade at Middle Schools)			140	118	130	149	Gym space continues to be an issue. Hard to schedule practice times due to overlapping programs and activities.
Teams			16	11	13	13	
Boys 4 th	124	86	108	97	124	148	
Teams	12	9	12	10	13	12	
Boys 3 rd					101	117	
Teams					10	11	
Girls 5 th & 6 th	243	202					
Teams	27	30					
Girls 5 th (6 th Grade at Middle Schools)			134	138	126	117	
Teams			16	16	14	15	
Girls 4 th	86	85	100	94	100	106	
Teams	10	10	10	8	11	14	
Girls 3 rd					54	90	
Teams					6	10	
Summer (4 th - 9 th)	70	66	95	56	66	68	
Total	821	675	577	503	630	793	

COMMUNITY SNAPSHOT

Youth Sports Programs cont.

Participation Numbers	2012	2013	2014	2015	2016	2017	Notes
FLAG FOOTBALL							
3 rd - 6 th	112	81	88	87	117	79	Increase in numbers
GOLF							
Ages 5 and 6	132	126	157	148	144	143	
Ages 7 - 18	331						
Ages 7 - 17		492	479	452	375	428	
Girls 7 - 18	49						
Girls 7 - 17		23					
Blue Level		2	12	24	22	16	
KARATE							
	9/month	10/year	6/year	10/year	10/year	28	
FENCING							
Fencing	14	17	6	10	22	17	
SOCCER							
K - 1 st	242	237	228	238	263	242	Added T-Th option in Summer 2017 to get more coaches, so more opportunity for participation.
2 nd - 3 rd	164	174	188	170	171	182	
4 th - 6 th	138	147	170	140	137	133	
7 th - 9 th	38	38	46	42	47	47	
TOTAL	582	596	635	590	618	604	
TENNIS, YOUTH OUTDOOR/INDOOR							
Tiny Tots (Ages 3 - 4)	93	94	100	102	95	145	
Netters (Ages 5 - 6)	139	113	118	131	123	123	BPRD secured a grant to get an Intro to Tennis into the BLAST program – may see rise in numbers
Short Court Rallyers							
8 & Under (Ages 7 - 8)	126	141	145	147	134	144	
10 & Under (Ages 9 - 10)	92	116	107	134	130	115	
12 & Under (Ages 11-12)	40	55	40				
Junior Tennis							
Aces (Middle School)	34	27	49				
Varsity/Jr. Varsity	18						
HS & High Performance		5					
High School Prep			35	51	57	85	
High School Team			29	33	27	29	
Elite Program				1	1	3	
TOTAL	542	551	623	599	567	644	

Youth Sports Programs cont.

Participation Numbers	2012	2013	2014	2015	2016	2017	
TRACK & CROSS COUNTRY							
Cross Country (4 th - 6 th)	869	804					Free programs as intro to the sport
Cross Country (3 rd - 5 th)			666	737	838	850	
Elementary Track Meets (5 th & 6 th)	1000+	1000+	1943	N/A	N/A	N/A	All 5 th graders participate
Elementary Track Meets (5 th)				1100	1100	1200	6 th grade moved to middle school
TOTAL	1,869+	1,804+	2,609	1,837	1,938	2050	
VOLLEYBALL - YOUTH							
5 th & 6 th Grade	430	456	334				6 th grade moved to middle school
Teams	57	53	36				
5 th Grade				184	184	184	Gym space for practice times and games continue to be an issue. Many schools have overlapping programs.
Teams				23	22	25	
4 th Grade	78	99	118	108	144	138	
Teams	10	10	12	10	15	16	
Summer Youth (5 th - 8 th)	66	47	76	78	62	89	
3 rd Grade						60	
Teams						6	
High School Sand	14 teams	14 teams	14 teams	13 teams	9 teams	7 teams	
Approx. # of Participants	115	115	115	104	72	56	

Adaptive Programs

Participation Numbers	2012	2013	2014	2015	2016	2017
Adaptive Bowling	5-10/week	5-10/week	5-10/week	5-10/week	5-10/week	5-10/week
Triple Star Day Camp	20	15	17	24	16	22

Youth Educational/School Partnership Programs

Participation Numbers	2012-13	2013-14	2014-15	2015-16	2016-17	
ACTIVITY CENTERS – SUMMER PROGRAM (summer before school year)						
Junior Leaders	41	35	44	44	29	Hours need to be adjusted to accommodate working parents
Activity Center Participants	720	663	594	589	641	
Total	720	663	594	589	641	
BLAST – AFTER-SCHOOL PROGRAM						
Participants	667	638	667	673	665	Space needed
OPEN GYM PROGRAM						
Participants	5,252	6,705	11,869	9,722	9,647	
SAFETY VILLAGE (summer before school year)						
Participants	203	238	207	247	230	

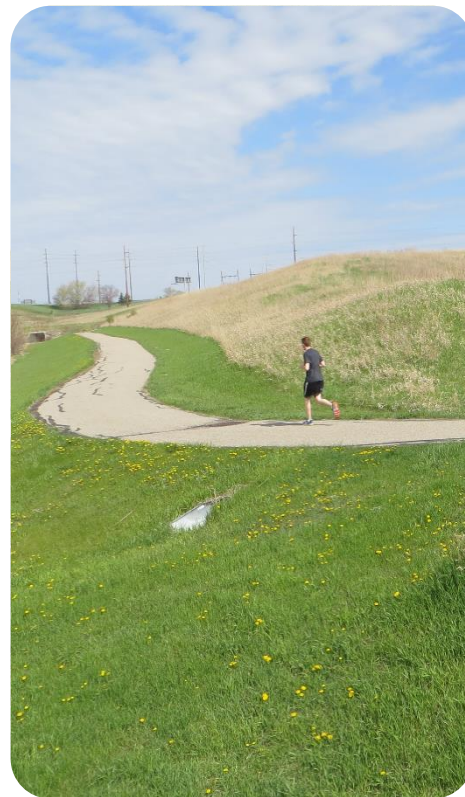
Adult Sports Programs

Participation Numbers	2012-13	2013-14	2014-15	2015-16	2016-17	Analysis
BASKETBALL - ADULT						
Women's	20	20	18	23	19	Program numbers decreasing
Men's	84	99	90	90	78	
Total Teams	104	119	108	113	97 as of 10/27	
Approximate # of participants	988	1131	1026	1073	922	
SOFTBALL – ADULT COED						
Summer Teams	8	8	12	12	12	Program numbers remaining stable
Participants - Summer	113	113	167	190	177	
Fall Teams	32	26	30	32	28	
Participants - Fall	432	357	414	457	386	
League Tournament - Fall	16	12	14	15	12	
VOLLEYBALL - FALL						
Coed Teams	120	128	121	122	138	Program is at capacity due to lack of gym space
Men's Teams	15	15	16	14	14	
Women's Teams	150	146	148	155	158	
TOTAL Teams	285	289	285	291	310	
Approx. # of Participants	2,280	2,300	2,280	2,328	2,480	
VOLLEYBALL - WINTER						
Coed Teams	117	128	128	122	127	Program is at capacity due to lack of gym space
Men's Teams	17	16	15	16	14	
Women's Teams	144	158	144	156	152	
TOTAL Teams	278	302	287	294	293	
Approx. # of Participants (average 8/team)	2,224	2,416	2,296	2,352	2,344	
VOLLEYBALL - SAND						
Coed Teams	194	192	193	224	208	New courts built in 2012 allowed more teams
Coed 4 Person	14	12	15	17	22	
Men's Teams	14	11	11	9	11	
Women's Teams	110	122	126	134	124	
Women's 4 Person	19	12	19	13	15	
TOTAL Teams	351	349	364	397	370	
Approx. # of Participants (average 7/team)	2,457	2,443	2,548	2,779	2,660	

COMMUNITY SNAPSHOT

Trails

SHARED-USE TRAIL NAME	TOTAL DISTANCE (MI)*	MOUNTAIN BIKE/ HIKING TRAIL NAME	TOTAL DISTANCE (MI)*
Ash Coulee Trail	0.88		
Burleigh Avenue Trail	2.50	Bill Mills Nature Trail	1.1
Cottonwood Park Trail	1.06	Chief Lookings Village	1.1
Cottonwood Park South Trail	0.87	Sleepy Hollow Mt. Bike Trail	4.0
Edgewood Trail	2.32	River Bluffs Mt. Bike Trails	3.9
Expressway Trail	1.83	Legacy Trail—north section	10.1
Gateway Pond Trail	0.45	McDowell Dam Hiking Trail	2.3
Hay Creek Trail #1 (north)	3.14	Sibley Park Interpretive Trail	.56
Hay Creek Trail #2 (south)	2.47	East Sibley Hiking Trail	1
Igoe Park Trail	0.36	TOTAL NON-PAVED MILEAGE	24.1
Lions/Hillside Park Trails	1.51	TOTAL TRAILS	79.7
McDowell Dam Loop Trail	0.59		
North Washington Street Trail	2.11		
Pebble Creek Trail	2.25		
Pebble Creek to 26th Street	0.19		
Riverfront Trail #1	0.73		
Riverfront Trail #2	1.26		
Riverfront Trail #3	1.73		
Riverfront Trail #4	2.05		
Riverwood Drive Trail	0.32		
Riverwood Golf Course Trail #1	3.62		
Riverwood Golf Course Trail #2	5.99		
Sertoma Park Trail	1.01		
Sertoma Park Trail	0.93		
Sertoma Park Trail	1.46		
Sleepy Hollow Trail	2.21		
Solheim to Wachter School	1.64		
Southland Trail	0.49		
South Washington Street	0.83		
Tom O'Leary Golf Course Trail	2.30		
University Drive Trail - Wachter to United Tribes	2.64		
University Drive Trail - United Tribes to UMary	2.74		
Valley Drive Trail	0.83		
Zonta Park Loop Trail	0.30		
TOTAL SHARED USE TRAILS	55.60		

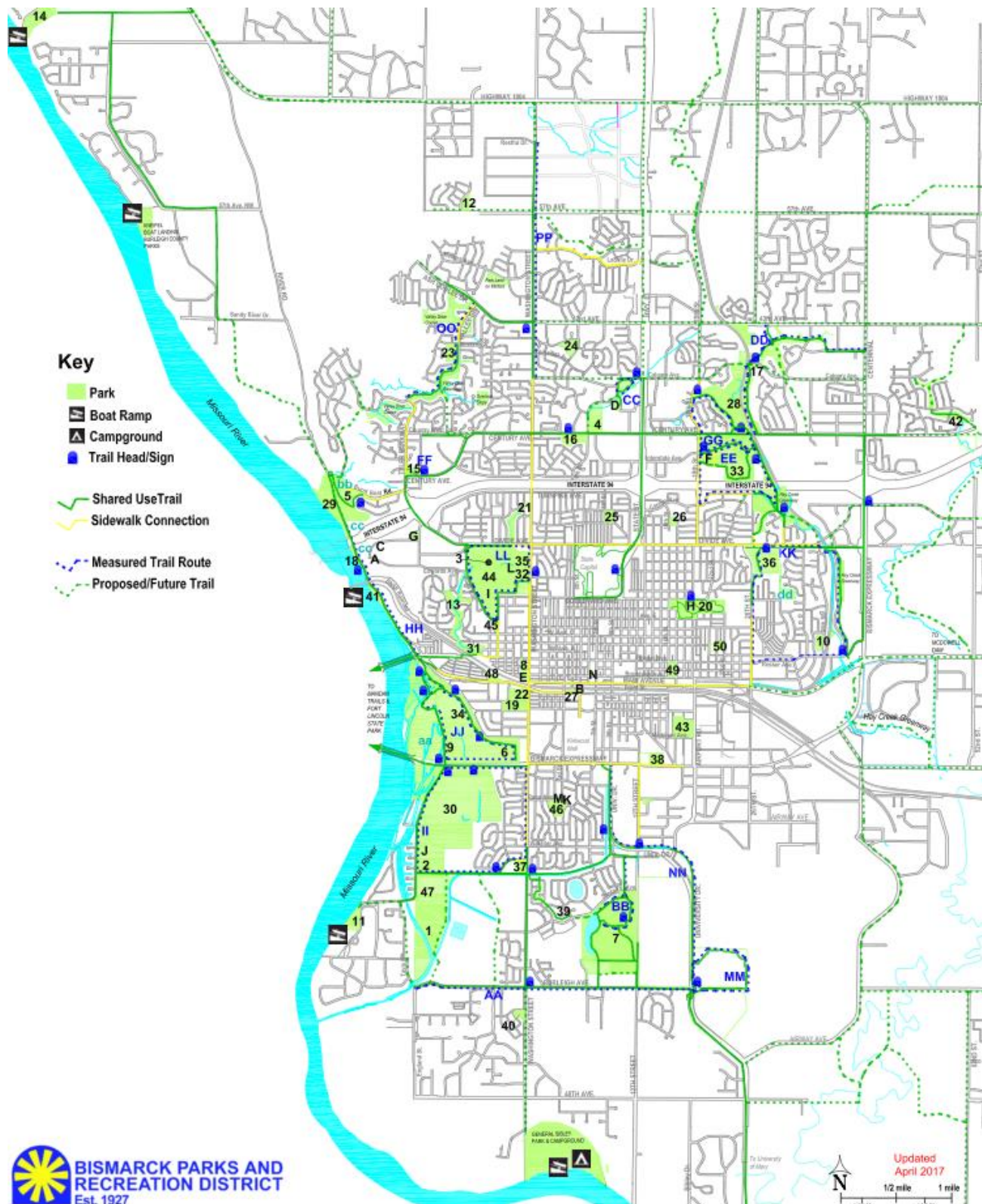


* All measurements are approximate and do not account for changes in elevation

** Totals do not include connector trails within parks unless listed as such

COMMUNITY SNAPSHOT

Park & Trail Map



NEEDS ASSESSMENT

Recreation Facilities

Level of Service

The level of service for facilities within the park district is shown based on comparative benchmarks from other parks and recreation agencies with similar populations. The numbers were then analyzed based on local needs and facilities already offered within the community. Analysis included program numbers, programs at capacity, community input, user group input, and Staff input.

	Number of BPRD Facilities	Park Metrics Upper Level Benchmark*	New Facilities Needed Based on Park Metrics*	Adjusted for Future Needs**	New Facilities Needed by 2030	Notes
Facility or Activity within Facility						
Recreation centers	3	4	1	-	1	
Community centers	3	4	1	-	1	
Fitness center	2	2	0	-	0	
Gyms	3	6	3	-	3	Could be in conjunction with new rec center
Ice rink	4	3	0	+2	2	
Arena	1	1	0	-	0	
Nature centers	0	1	1	-	1	
Outdoor Facility						
Playgrounds	38	44	6	-	6	Included with new neighborhood parks
Totlots	12	14	2	-	2	
Basketball courts	5	21	16	-10	6	Possible inclusion with new neighborhood parks
Multiuse courts	3	3	0	-	0	
Tennis courts -outdoor	19	26	7	-3	4	Consider an additional tennis complex with 4 courts
Baseball - youth	8	10	2	-	2	
Baseball - adult	4	9	5	-4	1	
Softball fields - youth	8	6	0	+4	4	Youth fastpitch increasing; need for dedicated fields
Softball fields - adult	28	10	0	-	0	
Dog park	3	3	0	-	0	
Ice rink -outdoor	10	4	0	-	0	
Swimming pools-outdoor	3	3	0	-	0	
Soccer field - adult	8	8	0	-	0	
Soccer field - youth	20	16	0	-	0	
Golf Facility						
Regulation 18-hole courses	2	2	0	-	0	
Executive 9-hole courses	1	1	0	-	0	
Swimming Facility						
Total indoor pools	2	2	0	-	0	
* Park metrics benchmarks based on jurisdiction population per facility, lower quartile response from special park districts, population between 50,000 and 100,000.						
** Future needs adjustment based on 17% population growth, local demand for programs, capacity of programs, and community input.						

NEEDS ASSESSMENT

Parks & Open Space

Level of Service

The level of service for parks and open space refers to the number of acres per 1000 residents for each type of park. Estimating and recording the existing level of service provides a tool to estimate the number of acres that will be needed in the future based on population projections. The following table breaks down the levels of service by park type and shows future projected needs.

	Existing Total Acreage	Existing Average Acreage	Number of Existing Parks	Existing Acreage/ 1000 Residents**	Future Acreage Needed (based on existing level of service)*			Additional Parks Needed by 2020	Additional Parks Needed by 2030	Additional Parks Needed by 2040
					2020	2030	2040			
Neighborhood Park	155.1	7.0	22	2.2	8.7	38.8	68.9	1	5	9
District Park	701.0	87.6	8	9.9	39.4	175.5	311.6	1	2	3
Historic/Interpretive Parks	80.0	20.0	4	1.1	4.5	20.0	35.5	0	1	1-2
Greenways/Open Space	481.0	43.7	11	6.8	27.0	120.0	214.0	n/a	n/a	n/a
Specialty Parks	88.5	22.1	4	1.3	5.0	22.0	39.0	0	1	1-2
Golf Courses	504.0	168.0	3	7.1	28.4	126.2	224.0	0	0	1
				Total	113.0	502.5	893.0	2	9	15-17
* Based on population projection of City of Bismarck by US Census										
**Based on 2015 estimated census population projection										

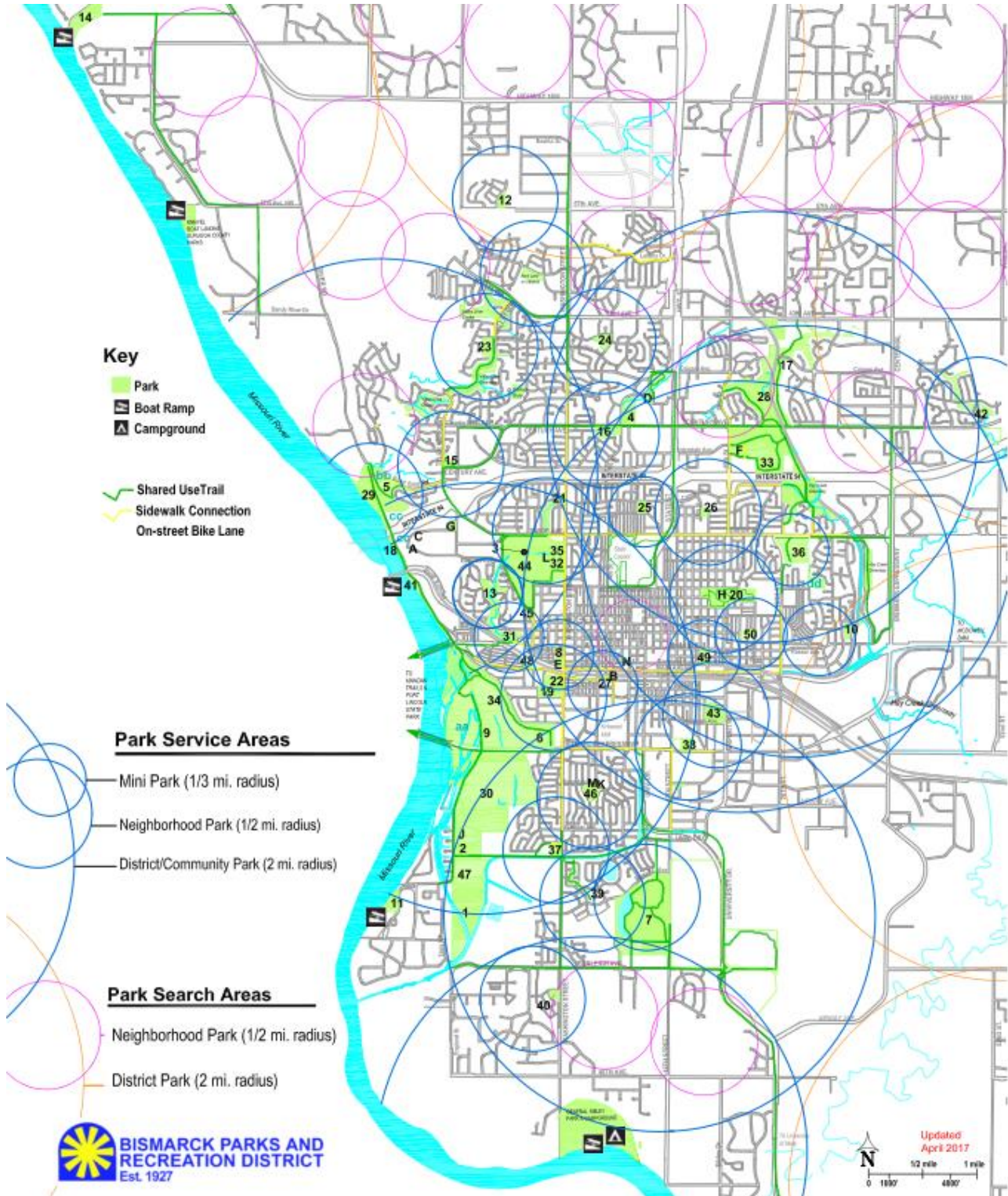
Service Areas

Park service areas refer to the radius around or distance to a park from any household. For example, a neighborhood park's service area are those households within 1/2 mile of the park in all directions. A district, or community, park and open space and greenways will serve all those within two miles. Often, however, in our changing times, families will drive to a neighborhood park rather than walk or bike, and residents will often drive to enjoy a district park such as Sertoma Park. Historic/interpretive parks, specialty parks and golf courses are considered "destinations" and therefore serve the entire community. The chart below summarizes all service areas used for the purpose of this plan.

Park/Open Space Type	Park Service Area
Neighborhood Park	½ Mile
District Park/Community Park	2 Miles
Historic/Interpretive Parks	citywide destination
Greenways/Open Space	2 miles
Specialty Parks/ Athletic Complexes	citywide destination
Golf Courses	citywide destination

Search Areas

Park search areas are proposed park service areas where a park is needed based on zoning and land use within the community. The search areas are areas within which the park district either has undeveloped land, or should try to acquire land for a park. BPRD Search Area map is located on the follow page.



NEEDS ASSESSMENT

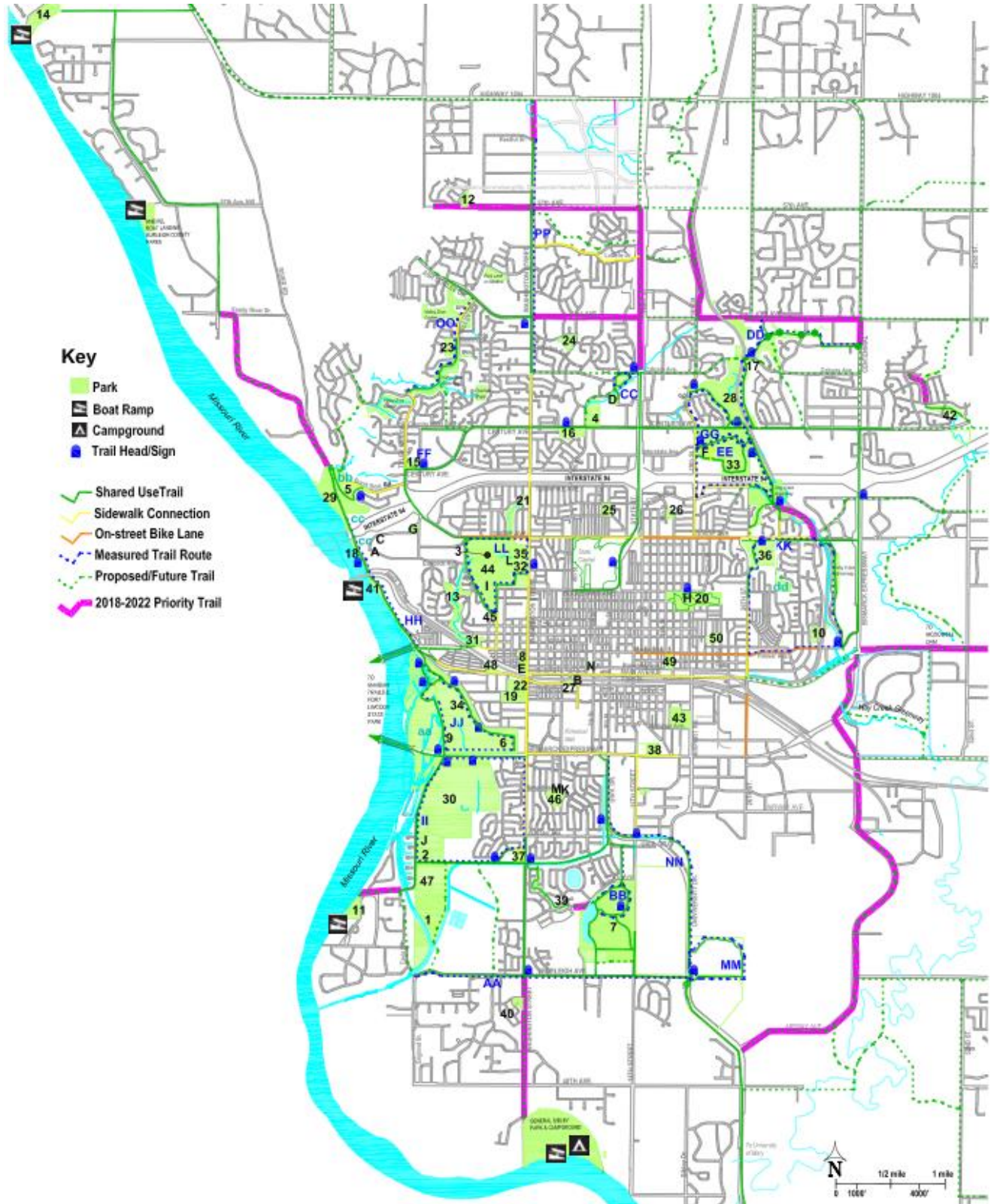
Trails

The level of service for trails refers to the number of miles of trail per 1000 residents for each type of trail. Estimating and recording the existing level of service provides a tool to estimate the number of miles of trail that will be needed in the future based on population projections. The following table breaks down the levels of service by trail type and shows future projected needs.

Trails	Existing Total Miles	Existing Miles/ 1000 Residents**	Future Mileage Needed (based on existing level of service)*	
			2030	2040
Multi-Use Trails	55.6	0.8	13.9	24.7
Mountain Bike/Hiking Trails	24.1	0.3	6.0	10.7
Total			20.0	35.4
* Based on population projection of City of Bismarck by US Census				
**Based on 2015 US Census estimate				



Hiking trails ranked as the #2 most sought-after outdoor recreational amenity from the BPRD 2017 online survey.



The recreation programs and opportunities offered to the public by BPRD make every effort to be balanced, customer-driven and conceptually sound. To the citizens and visitors, it may look like fun activities and events that just happen, but the programs offered represent many months of planning, community research, participant input and staff outreach to target group and customer feedback. BPRD will reveal that the quality recreation programs, services, and events provided can and do help the social, physical, mental, and spiritual well-being of individuals, families, neighborhoods and communities.

All new and existing programs are measured against the following determinants:

1. Does the program fall within the conceptual foundations of play, recreation and leisure?

The basic conceptual foundations of play, recreation and leisure guide all of BPRD's programs and services. Understanding the true spirit of play, BPRD has programs that allow for open, free and expressive opportunities.

A quality recreation program will provide the following:

- Opportunities for the pursuit of joy and pleasure, excitement, challenge, and individual expression.
- The enhancement of social, physical, mental and spiritual well-being of individuals.
- The building of family, community, or special interest groups.
- Bringing people together to share an enjoyable experience (who would otherwise have not had any opportunity or reason to interact) is one of the best ways to break down barriers, develop new friendships, and create a sense of community.

2. Does the program meet the needs of the participant/resident/visitor?

Bismarck is a growing and changing community. Keeping in touch with the community culture and community trends can have a significant impact on the recreational needs and desires of the community. BPRD stays in touch with constituent needs in both formal and informal ways and bases programming decisions on the following methods of public input:

- Community wide survey in 2017
- Yearly online survey
- Facility Plan 2013
- Customer feedback is through program evaluations
- Face to face discussions with user groups and partners.

3. Does the program provide for and/or coordinate with community opportunities?

BPRD works with over 250 various community organizations on combined programming, shared use of space for programming, and attracting tournaments and special events to Bismarck. BPRD is continually evaluating its own programs versus community programs to see if there are any gaps, duplications or opportunities for partnerships.

4. Does the program align with BPRD goals and objectives?

BPRD uses the recreational concepts to help fulfill the organizational vision, mission, goals and objectives adopted by both the Board of Park Commissioners and Staff. Our Core Purpose especially influences the initiation or continuation of a program. BPRD Core Purpose is “to provide affordable, assessable, and sustainable public park and recreation services.” In evaluating program opportunities, the following questions are asked:

- Is it affordable for all of our residents?
- Is it accessible to all residents and visitors of different ages and abilities?
- Can appropriate staff be found to ensure the program is sustainable?
- Will this program be self-sustaining with fees or are there partner programs that can offset the cost?

5. Is the experience desirable for participant/resident/visitor?

In addition to planning programs for the general public, BPRD also targets programming to the needs and interests of specific groups. BPRD strives to provide a diverse cross section of recreational programming, taking into account the participant's age, ability and interest. Both active and passive activities are provided in order to meet the needs of that individual, be it a wellness, social, cultural, historical, recreational or outdoor experience that the participant is seeking. BPRD's diverse programs, both those offered by BPRD itself or by BPRD partners, create a mix of opportunities.

BPRD provides programming for special populations and employs a Certified Therapeutic Recreation Specialist. An example is Triple Star Day Camp and Adaptive Bowling. Triple Star Day Camp is a summer day camp program for participants with disabilities. Triple Star focuses on community activities, swimming, field trips, and many active and passive activities. Adaptive Bowling is a non-structured program that encourage people of all abilities to participate in bowling. BPRD provides a certified bowling coach to assist the participants with any adaptations needed in order to fully participate. Facilities and parks are continuously evaluating their accessibility. Any upgrades are made in accordance with ADA regulations.

SPORTS

Youth Meets

- Participant will learn and practice good sportsmanship
- Participant will learn running skills, jumping skills, and throwing skills
- Participant will learn basic rules of meets (listening for starter, where to stand on the track, etc)
- Participant will increase awareness of safe, enjoyable recreation opportunities
 - Youth Cross Country Meets, Grades 3-5
 - Youth Track Meet, Grade 5

Youth Team Sports

- Participants will learn and practice good sportsmanship
- Participants will increase physical fitness through involvement in practices/games
- Participant will learn the concept of team play
- Participant will learn and practice good sportsmanship
- Participants will learn sport-specific skills
 - Youth Soccer, Grades K-9
 - Youth Basketball, Grades 3-5
 - Flag Football, Grades 3-6
 - Boys' and Girls' Summer Basketball League
 - Baseball/Softball, 12 and under
 - Junior Racquetball Lessons
 - High School Coed Sand Volleyball, ages 13-19
 - Youth Volleyball, ages 8-15
 - Babe Ruth Baseball (13-15 Year Olds)
 - American Legion Baseball (16-19 Year Olds) & Babe Ruth Baseball (16-18 Year Olds)

Youth Individual Sports

- Participants will learn the basic, intermediate and advanced methods and rules of specialized sport
- Participant will Increase full body coordination and fitness
- Participant will learn safety guidelines
- Participant will be better prepared to participate in organized competition
 - Fencing, ages 13 and older
 - Hakkoryu Karate (Ages 10 and over)
 - Archery Program (Beginner, Challengers and Adult)

Adult Sports Leagues

- Participants will increase physical fitness and independent sports skills
- Participant will increase positive social interaction among adult participants
- Participants will learn and practice good sportsmanship and sport etiquette
 - Riverwood and Tom O'Leary Men, Women and Senior Golf Associations
 - Winter Walleyball League
 - Adult Racquetball Leagues
 - Adult Indoor Winter Tennis Leagues
 - Adult Softball Leagues
 - Adult Mens and Womens Basketball
 - Adult Volleyball (16 years old and older) - Indoor and Sand
 - Adult Coed Summer and Fall Softball, Ages 16 and older
 - Adult USTA Summer Indoor Tennis League

Sports Tournaments

- Participant will increase physical fitness and individual sport skills
- Participant will increase social interaction with other competitors from around the state, region or country
- Participant will learn and practice good sportsmanship
- Participant will learn and follow a basic tournament format
 - State Amateur Basketball Tournament
 - Volleyball tournaments (ages 9 and older)
 - Junior Golf Tournaments and Events
 - Adult Golf Tournaments and Events
 - ASA National Tournaments (Softball and Fastpitch)
 - Tennis 10-Under Tournament
 - Creepy Classic Junior Tennis Tournament
 - Holiday Indoor Junior & Adult Tennis Tournaments
 - State Youth Finals Basketball Tournaments, girls and boys, grades 3-9
 - Winter Classic Adult/Junior Racquetball Tournament

Sports Lessons

- Participants will learn the basic, intermediate and advanced skills of the sport
- Participant will increase knowledge of basic etiquette, rules, equipment and facilities
- Participant will increase social interaction
- Participant will increase physical fitness
 - Youth Outdoor Tennis Lessons (USTA Quick start program)
 - Junior Indoor Tennis Lessons
 - Beginner Tennis clinic
 - Advanced Beginner/Intermediate Tennis Clinic
 - Private, semi-private and small group lessons
 - Adult Racquetball Lessons
 - Beginning Golf Lessons, ages 5-18
 - Advanced Golf Lessons

SPECIAL EVENTS

Special Programs

- Participant will increase usage of the park district parks, trails and facilities
- Participant will increase physical fitness
- Participant will increase physical activity and social interaction
 - Park Passport
 - Bismarck Olympics
 - Free Junior Golf
 - Play Dates
 - Toddler Splash Days
 - Flurry Fest
 - July Celebration

Special Events

- Participant will increase usage of the park district parks, trails and facilities
- Participant will increase their social skills through participation in activities with peers and volunteers
- Participant will increase positive social interaction
 - All-City Halloween Party
 - Skating with Santa
 - Tennis in the Parks Days
 - Bark Park Parade and Social
 - Movies in the Park
 - USTA Free Tennis Block Party

FITNESS

Group Fitness Classes

- Participant will increase physical fitness
- Participant will tone all muscle groups, improve motor skills and coordination
- Participant will learn various stretches and warm up activities
- Participant will increase social interaction and reduce stress
 - Body Pump “Les Mills”
 - Cycling Class
 - Kids Fitness
 - Pilates
 - Trim-n-Tone
 - Yoga
 - Zumba
 - Rip ‘n Ride
 - Cardio Kickboxing
 - Deep Water Aerobics
 - Kettlebells
 - Six Pack Abs
 - Fit & Trim Bootcamp
 - Stroke, Spin & Stride Self-Paced Triathlon
 - Body Attack “Les Mills”
 - Bootcamp Fin Fitness
 - Personal Training
 - Cardio Tennis

Fitness Facilities

- Participants will increase physical fitness
- Participants will increase social interaction skills
 - Tennis Courts
 - Weight Room and Cardio Equipment
 - Indoor Walking Track
 - Gymnasium - WWMB

AQUATICS

Learn to Swim – Preschool

- Participant will increase social interaction
- Participant will learn basic swimming techniques
- Participant will learn and practice water safety
- Participant will increase physical fitness
 - A – 3 year olds
 - B – 4 year olds
 - C – 5 year olds

Learn to Swim – Level 1 & 2

- Participant will increase social interaction with other 6 year olds
- Participant will learn intermediate swimming techniques
- Participant will learn and practice water safety
- Participant will increase physical fitness

Learn to Swim – Level 3 -5

- Participant will refine swim strokes
- Participant will improve and enhance swimming skills and endurance
- Participant will improve physical fitness
- Participant will learn and practice water safety

Learn to Swim-Parent/Child

- Participant and child will learn and practice age appropriate water safety
- Participant and child will learn age appropriate swim techniques
- Participant and child will increase social interaction with other adults and children
- Participant and child will increase physical fitness

YOUTH ACTIVITY PROGRAMS

Youth Activity Programs

- Participant will increase/improve their social skills through participation in daily games and activities with their peers and leader in a safe and caring environment for the children after school and during the summer months
- Participant will increase/improve physical fitness, range of motion, fine and gross motor skills through involvement in daily activities that include walks, board games, crafts, and playground games
- Participant will improve sportsmanship through involvement with other participants
 - BLAST (Bismarck Life After School Time), grades K-5
 - Activity Centers (Summer), grades K-5

Safety Village

- Participant will learn and practice basic safety issues in the areas of: water, biking, guns, electricity, construction, poison, railroad, weather, stranger danger and fire
- Participant will become increasingly more comfortable with police officers and firemen and will learn what their roles are in the community

SELF-DIRECTED PROGRAMS/FACILITIES

Youth Self-Directed Programs/Facilities

- Participant will increase/improve their physical fitness through participation in unstructured activities
- Participant will increase social interaction
- Participant will be active in unstructured play and will gain confidence in a specific sport or general motor skills

<ul style="list-style-type: none"> ○ Outdoor Swimming Pools ○ Public Ice Skating ○ Open Gym, ages 3 and older ○ Pre-school Skate Date – Open Skate ○ Public Sledding ○ Open Gymnasium – WWMB ○ Imagination Playground ○ Indoor Play Area – BSCAWC ○ Batting Cages 	<ul style="list-style-type: none"> ○ Indoor Driving Range ○ Outdoor Driving Range ○ Sheila Schafer Mini-Links ○ Tennis Courts ○ Disc Golf ○ Shared-use Trails ○ Outdoor Ice Rinks ○ Playgrounds ○ Toddler Splash Days
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Adult Self-Directed Programs/Facilities

- Participant will increase/improve their physical fitness through participation in unstructured activities
- Participant will increase social interaction
- Participant will be active in unstructured play and will gain confidence in a specific sport or general motor skills

<ul style="list-style-type: none"> ○ Outdoor Swimming Pools ○ Sledding Hills ○ Cross Country Skiing ○ Open Gym ○ Batting Cages ○ Indoor Driving Range ○ Outdoor Driving Range ○ Gymnasium – WWMB ○ Tennis Courts 	<ul style="list-style-type: none"> ○ Disc Golf ○ Shared-use Trails ○ Outdoor Ice Rinks
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TARGETED POPULATIONS PROGRAMS

Targeted Populations Camps

- Participant will increase their social skills through participation in daily games and activities with their peers and camp leaders
- Participant will increase/improve physical fitness, range of motion, fine and gross motor skills through involvement in daily activities which include swimming, walks, board games, crafts and playground games.
 1. Triple Star Day Camp (ages 8-20)
 2. Teen Tour (middle school age)

Adaptive Bowling (all ages)

- Participant will increase their social skills through participation in weekly bowling games
- Participant will improve bowling skills

Goal	Objective	2015-2017 Progress Toward Objective	2018-2020 Strategies
To create, advocate and preserve diverse recreational and leisure opportunities for all.	Reinvest in existing parks, programs and facilities to maximize community access and usability.	Based on user evaluations, the hours were extended for Activity Centers; Hours and days were added for soccer program to accommodate demand; Additional swim lessons added due to high demand; Four group fitness classes removed due to low enrollment and over a dozen new classes added; Additional DJGA Junior Golf Lessons added to allow for more participation; Accessible door to the weight room added at BSCAWC; Designated breastfeeding room at BSCAWC	Additional swim and golf classes will be added as needed to keep up with demand
	Create new and redevelop existing parks, facilities and programs to accommodate a growing, changing and diverse community.	Created new programs to fill the gap of toddler-age programming, Toddler Splash Days and Play Dates; Initiated new outdoor programs at Sibley Park; 3rd grade volleyball & basketball programming added; Added four new group fitness classes targeted for those age 50+	New group fitness geared toward teens scheduled for January 2018; Aqua Balance Board/CardioWave fitness class planned; New Winter Putting League for seniors coming in 2018; Four new special events planned for 2018-2019
To ensure professional delivery and operation of public park and recreation services, facilities and programs.	Invest in staff and staff resources to provide the highest quality customer service and experience.	Hired a new Special Events combined position; ActiveNet was installed to provide for online program registration; New phone system in the main office; New shelter reservation online; Part-time tennis pro hired in 2017 to accommodate demand for lessons; Signature pad at AWC; staff training; improved shelter reservation system	More focus on online calendar
	To achieve the highest standards of public safety for participants and staff at all facilities and within all programs.	Security cameras were installed at all facilities and AED's are now located at many facilities that house BPRD programs; CPR/First Aid with AED training is required by full-time staff involved with programming and facilities; Implemented staffing measure to ensure that no staff member is left alone for any program or at any facility; Safety drills added at all the BLAST sites, including lock down, shelter-in-place and bomb threat; Fulltime staff all first aid/CPR/AED trained; continue to enhance AED's at facilities; expanded security cameras in additional facilities	Continue to put measures into place to ensure that staff members are not left alone; Annual training sessions provided by BPRD or Burleigh County Sheriff's Department to address safety and security concerns in our parks and facilities

Natural, Cultural & Historical Resources Management and Stewardship Plan

Bismarck Parks and Recreation District (BPRD) manages and maintains over 3,400 acres of public land, including ten culturally and/or historically significant sites. In an effort to provide the highest quality and efficiency in these operations, BPRD has established different classes of parks based on the level of maintenance. Using these categories as a guideline, all public land is maintained to provide the highest level of service and stewardship, while protecting and preserving all natural, cultural, and historical resources.

BPRD works with the public and the City of Bismarck Forestry Division to implement this resources plan and its goals. BPRD also follows all pertaining ordinances from the City of Bismarck and Burleigh County as they relate to natural resource management and stewardship (Appendix B shows all pertaining ordinances)

1. NATURAL RESOURCE MANAGEMENT

MAINTENANCE CLASSES

All Operations Division maintained property is classified into one of four major classifications, A, B, C, and D. There are many cases where a park site has all four categories of maintenance performed; however, it is recognized by that classification which is predominant (see appendix A for a complete listing of BPRD facilities by class).

Class A Parks

Class A Parks are park properties representing the highest intensity of maintenance. Below are listed the characteristics which distinguish the Class A quality maintenance.

1. Athletic fields used for competitive play. Class A Parks receive regular inspections and intensive daily or more frequent maintenance.
2. Intensively maintained turf grass-requires frequent and high intensity maintenance in order to supply the quality that is desired both aesthetically and for a high quality playing surface.
3. Complete irrigation system that receives frequent inspection and maintenance.
4. Park facilities including: vault and flush toilets, concessions, water fountains, picnic shelters, tennis courts, playgrounds and paved parking lots.
5. Receives regular and intensive litter control, toilet cleaning and trash removal.
6. Receives regular tree maintenance.

Vegetation

Class A parks typically are maintained for athletic fields and high-impact use. To accommodate intensive recreational use, athletic and park grass seed mixes are used nearly exclusively for turf establishment. The seed mixes contain approximately 50% Kentucky Bluegrass (*Poa pratensis* L.), both Park and Baron varieties, and 50% perennial blue rye (*Lolium preenne* L.). Common native trees found within Class A parks include: green ash (*Fraxinus pennsylvanica*), bur oaks (*Quercus macrocarpa*), and American elms (*Ulmus Americana*). Commonly planted trees include: Manchurian ash (*Ulmus laciniata*), Siberian elms (*Ulmus pumila*), Amur maple (*Acer ginnala*), Tatarian maple (*Acer tataricum*), crabapple (*Malus sp.*), American linden (*Tilia americana*), and blue spruce (*Picea pungens*).

Wildlife

Many Class A parks are within residential and business districts, and are highly developed, manicured and frequently visited. Therefore, most of the wildlife found within these parks is limited to small mammals, migratory and residential birds. However, Cottonwood Park does have a lake that is stocked annually by the North Dakota Game and Fish Department. Fish species include: brook stickleback

NATURAL, CULTURAL & HISTORICAL RESOURCES PLAN

(*Culaea inconstans*), fathead minnow (*Pimephales promelas*), northern pike (*Esox lucius*), rainbow trout (*Oncorhynchus mykiss*), yellow perch (*Perca flavescens*), channel catfish (*Ictalurus punctatus*), and chinook salmon (*Oncorhynchus tshawytscha*).

Water Resources

Only one park within the Class A parks has an on-site water resource. Cottonwood Park has a lake stocked with both native and non-native fish as well as a fishing pier. To protect the water resources on the premises, mowing is kept to a minimum along riparian areas and act as a buffer along recreational trails.

Erosion and Soils

To minimize erosion, surfaces have been hardened through concrete and bituminous asphalt. Trails and paths have been graded to minimize erosion and maximize drainage.

Education and Interpretation

Class A parks serve primarily as competitive athletic fields. Because of the recreational nature of these parks, there currently are no educational or interpretive elements employed within these areas.

Class B Parks

Class B Parks rank very close in quality to Class A parks with the main difference being there is no or infrequent competitive play in these parks.

1. Park is normally well landscaped with annual plantings, trees and shrubs requiring a considerable amount of manual labor for proper maintenance.
2. Well-developed turf grass that is frequently mowed and trimmed and receives fertilizer and broadleaf herbicide applications.
3. Irrigation system that covers most of or the entire Class B area.
4. Extensive development for park facilities- recreational vehicle camping pads with individual electrical service, flush toilets, showers, concessions, tennis courts, picnic shelters, playgrounds, paved and striped parking areas, paved trails.
5. Receives regular and intensive litter control.
6. Receives regular tree maintenance.

Vegetation

Class B Parks vary widely in their recreational uses, landscapes, and topography. General Sibley Park, Keelboat and Sertoma park are heavily forested and within the limited river bottom woodland ecosystem of the Missouri River. Common trees found within these parks include: green ash (*Fraxinus pennsylvanica*), boxelder (*Acer negundo*), cottonwood (*Populus deltoids*), Russian olive (*Elaeagnus angustifolia*), manchurian ash (*Ulmus laciniata*), bur oaks (*Quercus macrocarpa*), American elms (*Ulmus Americana*), and siberian elms (*Ulmus pumila*). The Rotary Park Arboretum showcases over twenty of varieties of trees native to North America, including Ponderosa pine (*Pinus ponderosa*), Colorado Blue spruce (*Picea pungens*) and Quaking Aspen (*Populus tremuloides*) Turf seed mixes found in Class B parks include Athletic (Kentucky Bluegrass [*Poa pratensis* L.], and perennial blue rye [*Lolium preenne* L.]), and Rural mixes (which also includes crested wheat [*Agropyron cristatum* L.], kenblue and South Dakota certified varieties of Kentucky Bluegrass).

Wildlife

Class B parks within the river bottom woodlands have many resident mammals ranging from shrews (*Sorex*), Eastern cottontails (*Sylvilagus floridanus*), beaver (*Castor canadensis*), to coyotes (*Canis latrans*), and deer (*Odocoileus virginianus*). Class B parks within the residential and business districts

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have animal residents ranging from fox squirrels (*Sciurus niger*), nuthatches (*Sitta carolinensis*), goldfinch (*Carduelis tristis*), to little brown bats (*Myotis lucifugus*). To protect wildlife and park users, BPRD prohibits the hunting, trapping or killing of animals or birds, except for the use of bow and arrow within a designated area with a Special Herd Reduction Deer Bow license or a special turkey bow license issued by the North Dakota Game and Fish Department in Bismarck and a trespass permit issued by the Bismarck Chief of Police.

Water Resources

Riparian waterways, channels, and reservoirs are protected from erosion, sedimentation and compacted vegetation through careful trail and path design and maintenance, minimal mowing and vegetation removal, and heavily wooded buffer zones. Stormwater drainage areas and culverts have also been installed in areas with natural creeks to minimize impacts to water flow, drainage and possible negative impacts on wildlife.

Erosion and Soils

Riprap has been installed in many corridors along the riverways, including Keelboat, Sertoma, Pioneer Fox Island Boat Ramp, and General Sibley Park. This aids in minimizing erosion in high frequency areas such as boat launches and ramps, and protects water quality during seasonal changes in the water levels. Retaining walls are also installed in areas with steep slopes, and staircases have been installed on hillsides where trails could lead to increased erosion and water sedimentation.

Education and Interpretation

Historic interpretive services can be found in General Sibley Park, Keelboat and Steamboat Park. Visitors can learn about riparian systems and being river stewards, protecting pollinators, Native American folklore and the spiritual importance of thunderbirds to local and national tribes. There is also signage posted along the sidewalks detailing the mechanics of keelboats, paddleboats and their importance to Lewis and Clark and to western expansion. The Rotary Park Arboretum has an environmental education trail listing over twenty species of trees and a handful of native shrubs and riparian vegetation, and interpretive signs to help visitors understand the importance of wetlands. In addition to interpretive trails, interpretive programming is available to youth and civic groups at General Sibley Park.

Class C Parks

Class C Parks receive a considerably different maintenance program than do Class A and B. They receive a high amount of use, but do not have the well-developed turf, due to those parks not being equipped with an irrigation system. Below are listed the characteristics which distinguish the Class C Park.

1. No irrigation system.
2. No or minimal horticulture program.
3. Receives minimum landscaping.
4. Receives regular scheduled litter control and trash removal.
5. Has limited development of park facilities-vault toilets, picnic shelters, boat launches.

Vegetation

Kimball Bottoms, MacLean Bottoms, Pioneer, and Hoge and Fox Island all border the Missouri River or one of its channels. Given the riparian area, common trees found in this area include: Green Ash (*Fraxinus pennsylvanica*), Boxelder (*Acer negundo*), and Cottonwood (*Populus deltoids*). Typical understory vegetation species include Russian olive (*Elaeagnus angustifolia*), big bluestem (*Andropogon gerardii*), little bluestem (*Schizachyrium scoparium*), brome grass (*Bromus biebersteinii*), hard fescue (*Festuca brevipil*), tall fescue (*Schedonorus phoenix*), orchardgrass (*Dactylis glomerata*), creeping foxtail

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(*Alopecurus arundinaceus*), crested wheatgrass (*Agropyron* sp.), canary reedgrass (*Phalaris arundinacea*), hawthorn (*Crataegus arnoldiana*), chokecherry (*Prunus virginiana*), and juneberry (*Amelanchier arborea*).

Wildlife

Many large and small mammals can be found along the river corridors. Bird species that may be found include: Canada geese (*Branta Canadensis*), great egrets (*Casmerodius albus*), great blue heron (*Ardea herodias*), Sandhill cranes (*Grus canadensis*), bald eagles (*Haliaeetus leucocephalus*), and killdeer (*Charadrius vociferus*). Mammals found in the areas include: Eastern cottontails (*Sylvilagus floridanus*), beaver (*Castor canadensis*), muskrats (*Ondatra zibethicus*), coyotes (*Canis latrans*), whitetail deer (*Odocoileus virginianus*), red fox (*Vulpes vulpes*), skunks (*Mephitis mephitis*), and raccoons (*Procyon lotor*).

Water Resources

Most Class C parks have water access from either trails, parking areas or via boat launches. At Pioneer Park, and Hogue and Fox island, riparian waterways, channels, and reservoirs are protected from erosion, sedimentation and compacted vegetation through careful trail and path design and maintenance, minimal mowing and vegetation removal, and heavily wooded buffer zones.

Erosion and Soils

Riprap is in place along many shorelines to minimize erosion and river sedimentation, and boat ramps are composed of concrete to limit loss of soils and possible vegetation compaction. When possible erosion issues are identified on lands not owned but managed by BPRD, the issues are relayed to property owners such as the US Army Corp of Engineers, the North Dakota Game and Fish Department and the Burleigh County Park Board.

Education and Environmental Interpretation

Most of the environmental interpretation and learning opportunities within the Class C parks can be found within Chief Looking's Village. Along the interpretive trail, guests can learn about earthen lodges, Mandan villages, hunting and harvesting practices, and the cultural rites of the tribe. Guests can enjoy interpretive signage along the trail, and can also obtain a printed brochure. Additional videos and maps about the archaeology of the site can be found on the website.

Class D Parks

Class D Parks receive the least amount of maintenance and are frequently utilized as nature areas or are yet to be developed. Parks that fall within this category receive limited mowing at strategic areas. Below are listed the maintenance procedures performed on Class D park areas.

1. Regular litter control and trash removal.
2. Limited mowing—only in strategic locations, such as, along trails or roadways, or perhaps parking areas.
3. Normally designated as nature areas or greenbelt property.
4. Encourage native grasses, wildflowers and native trees to develop naturally.
5. Newly acquired undeveloped property.

Vegetation

East Sibley and Atkinson Nature Park, and the Bill Mills Nature Trails all border the Missouri River or one of its channels. Since the parks are located along riparian areas, common trees found in this area include: green ash (*Fraxinus pennsylvanica*), boxelder (*Acer negundo*), cottonwood (*Populus deltoids*), and Russian olive (*Elaeagnus angustifolia*). Common grasses and wildflowers found in these parks include: American licorice (*Glycyrrhiza lepidota*), smooth fleabane (*Erigeron glabellus*), prairie rose

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(*Rosa arkansana*), black-eyed susan (*Rudbeckia hirta*), Maximilian sunflower (*Helianthus maximiliani*), showy milkweed (*Asclepias speciosa*), big bluestem (*Andropogon gerardii*), little bluestem (*Schizachyrium scoparium*), bromegrass (*Bromus biebersteinii*), hard fescue (*Festuca brevipil*), tall fescue (*Schedonorus phoenix*), orchardgrass (*Dactylis glomerata*), creeping foxtail (*Alopecurus arundinaceus*), crested wheatgrass (*Agropyron* sp.), canary reedgrass (*Phalaris arundinacea*), hawthorn (*Crataegus arnoldiana*), chokecherry (*Prunus virginiana*), and juneberry (*Amelanchier arborea*).

Wildlife

Class D parks are predominantly left in their natural and wild states. As such, biodiversity peaks in these areas. Birds found in these parks include: Red-tailed hawk (*Buteo jamaicensis*), bald eagles (*Haliaeetus leucocephalus*), Swainson's hawk (*Buteo swainsoni*), Canada geese (*Branta Canadensis*), great egrets (*Casmerodius albus*), great blue heron (*Ardea herodias*), and Sandhill cranes (*Grus canadensis*). Small and large mammals include: Eastern cottontails (*Sylvilagus floridanus*), beaver (*Castor canadensis*), muskrats (*Ondatra zibethicus*), coyotes (*Canis latrans*), whitetail deer (*Odocoileus virginianus*), red fox (*Vulpes vulpes*), skunks (*Mephitis mephitis*), and raccoons (*Procyon lotor*). Reptiles and amphibians found in these areas include: prairie rattlesnake (*Crotalus viridis*), common snapping turtle (*Chelydra serpentina*), western painted turtle (*Chrysemys picta belli*), and wood frog (*Rana sylvatica*).

Water Resources

The Missouri River is a prominent feature throughout most of the Class D parks, and requires adherence to strict guidelines to ensure water quality is maintained. To meet government regulations, storm water retention is maintained through culverts and holding ponds. Trails and infrastructure are positioned in less sensitive areas when possible, and riprap and retaining walls are installed when needed to prevent riparian degradation related to erosion.

Erosion and Soils

To prevent erosion, social trails and trail braiding, grasses and wildflowers are mowed minimally along riparian corridors. Culverts have also been installed, and boulders and hay bales have been placed along trails to prevent foot traffic in sensitive areas.

Asphalt and sidewalk trails have been established along the Hay Creek Greenway and Missouri Legacy trail to harden the surfaces and prevent river sedimentation. Atkinson Nature Park is still being developed, but a natural surface trail has been installed, and fencing will be installed to keep pedestrians and horses away from sensitive areas and the channel's banks.

Education/Interpretation

Environmental and historical interpretive services are provided at Bill Mills Nature Park and along the Legacy Trail. The Bill Mills interpretive trail highlights the importance of wetlands and habitat conservation. New interpretive panels and designs are currently in the process given the existing signs are aging and need updating. Interpretation and education is also planned for Atkinson Nature Park.

NATURAL, CULTURAL & HISTORICAL RESOURCES PLAN

2. CULTURAL & HISTORICAL RESOURCES INVENTORY & ANALYSIS

Bismarck Parks and Recreation District: Inventory and Analysis of Natural, Historical, Cultural, Educational, Scenic, and Recreational Resources

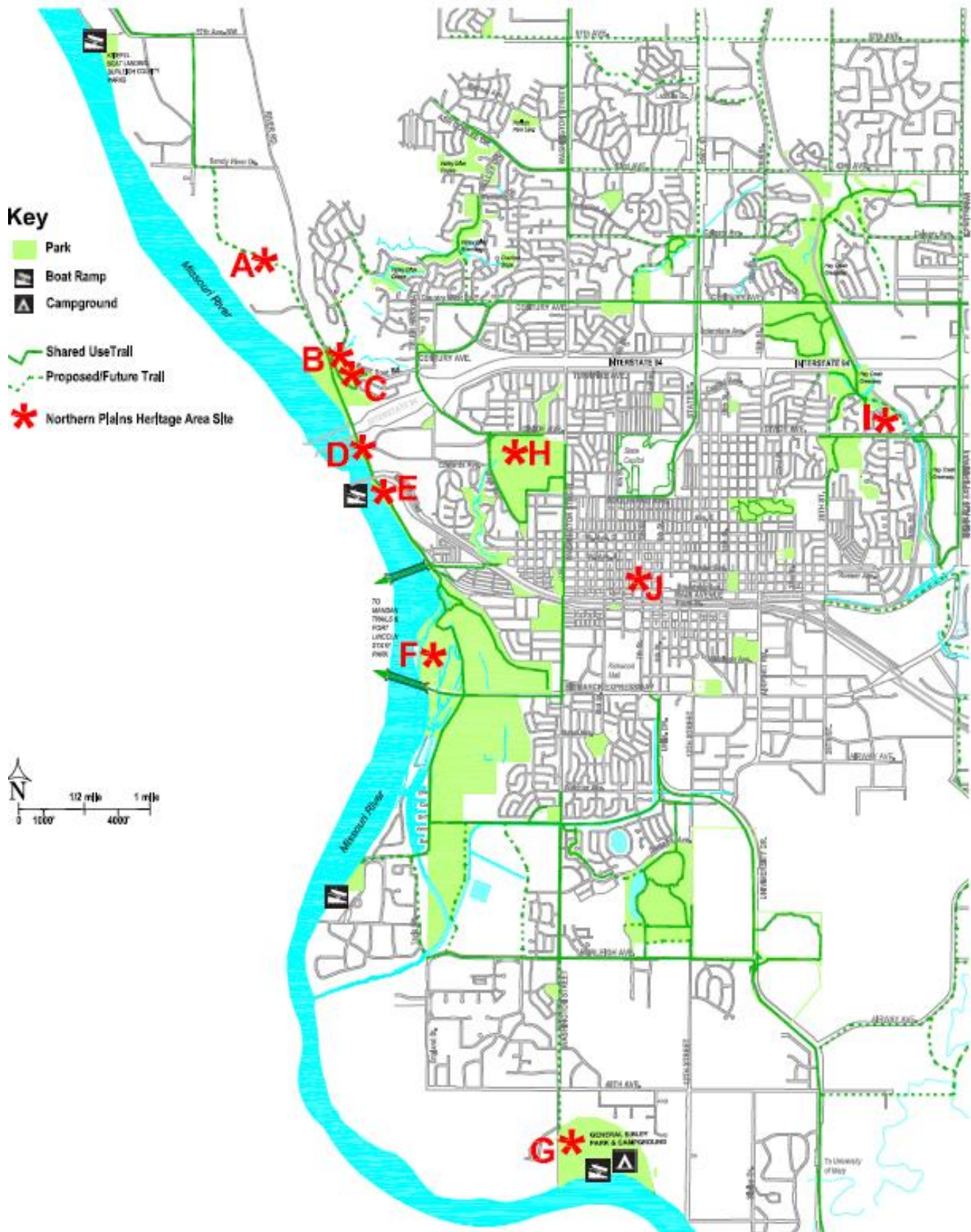
Resource Name	Type of Resource	Condition	Public Access	Interpretation	Regional Significance and Meaning	Possible Improvements	Timeline	Funding Opportunities	Possible Partners
	<i>building, park, natural, historical, cultural</i>	<i>are important features intact?</i>			<i>what are the events, people, natural or built environments</i>	<i>in what ways could the resource be better protected, enhanced</i>			
Missouri River Connected Sites									
A. Missouri Valley Millennium Legacy Trail	Shared-use trail along the Missouri River, including paved and unpaved sections	Trail is in good shape, but trail is not continuous. Need trail connections.	Trail head and parking available at Steamboat Park, Keelboat Plaza, Sertoma Park, and north at Kneifel Boat Landing	Interpretive signs at Keelboat and Steamboat parks along the route.	One of 52 national Millennium Legacy Trail designations. This trail connects all things historical, recreational and cultural along the Missouri River from Sertoma Park to Pioneer Park and unpaved sections north by Misty Waters	Acquire easements and construct planned trail connection from Pioneer Park to Double Ditch to complete the Legacy Trail	2017-2020	ND Outdoor Heritage Grant opportunity; Possible RTP or Rec Trails grants	City of Bismarck, Burleigh County, NPHF
B. Chief Lookings Village	Interpretive Trail/Park	Signs are dated	Public park with parking	Interpretive Signs with brochure	Located on the Pioneer Park Overlook off Burnt Boat Road, this trail covers the layout and features of the Earthlodge Village occupied by the Mandan Indian Tribe dating back to 1675	Project in progress: updating signs and brochure in 2017-18	2018	Received Cultural Heritage Grant through NPHF	NPHF
C. Pioneer Overlook Park	Public park and garden; scenic overlook of Missouri River	Well-managed and good condition	Open to the public and includes parking	no interpretive program	Amazing view overlook of river vally and train bridge. Includes memorial garden, "Sonali's Garden"	No projects planned at this time	n/a	n/a	Seth Family, NPHF
D. Keelboat Park	Park overlooking Missouri River with trails	Keelboat is well-maintained and recently received new paint and concrete	Parking lots and accessible trails allow for public access	Interpretive signs near the keelboat	The 55' keelboat replica of the Lewis and Clark boat is located along the Lewis and Clark Legacy Trail with a self-guided interpretive trail. Park includes Thunderbird sculpture.	No projects planned at this time	n/a	n/a	State of ND, NPHF

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Resource Name	Type of Resource	Condition	Public Access	Interpretation	Regional Significance and Meaning	Possible Improvements	Timeline	Funding Opportunities	Possible Partners
	<i>building, park, natural, historical, cultural</i>	<i>are important features intact?</i>			<i>what are the events, people, natural or built environments</i>	<i>in what ways could the resource be better protected, enhanced</i>			
Missouri River Connected Sites									
E. Steamboat Park	Park overlooking Missouri River with trails	Steamboat is well maintained and recently painted	Parking lots and accessible trails allow for public access	Interpretive signs near the steamboat	60' replica of the steamboat "Yellowstone" on the Lewis and Clark Legacy Trail overlooking the Missouri River	No projects planned at this time	n/a	n/a	State of ND, NPHF
F. Bill Mills Nature Trail	Interpretive hiking trail, natural preservation, scenic overlooks	Interpretive signs are a bit dated and are planned to be updated	Bill Mills nature trail connects to our shared use trail at two points	Interpretive signs along nature trail	Trail highlights importance of river fauna and wetland mitigation.	Update current interpretive signs and add additional signs	2018-2022	NPHF	Army Corp, NPHF
G. General Sibley Campground and Park	Park with playgrounds, camping spaces, restrooms, interpretive trail	Well-managed and good condition	Public park including parking, campground, playgrounds and trails	Interpretive trail completed in 2017	History including General Sibley and wartime and Native conflicts in addition to cultural/natural resources and proximity to the River	Need to fund and finish the interpretive trail. Add resources, both built environment and programming	2016-2018	Received Garrison Diversion Conservation Fund Grant	Garrison Diversion; Historical Society of ND
City or County Sites Not along the Missouri									
H. Bismarck Rotary Arboretum	Interpretive hiking trail, natural preservation, scenic overlooks	Some erosion; boardwalk needs to be rebuilt	located with public golf course land	four signs interpreting the natural ecosystems found on site	The only arboretum in Bismarck and a hidden gem in the heart of the community	Rebuild the boardwalk, shore up the walkway; consider more accessible trail surfacing	2017-2020	Matching grant with Rotary Club	Rotary Club of Bismarck
I. Hay Creek Greenway/ Pebble Creek Golf Course	Shared-use trail including some interpretive signs at Pebble Creek Golf Course and at Gisi Park	Trail is in good condition. Signs at Pebble Creek need to be replaced. Trail connections needed for continuous trail.	Trail head, including parking, along Century Avenue and at Pebble Creek GC.	Interpretive signs at Pebble Creek Golf Course and at Gisi Park	Significant history, both in conservation and heritage, and highlights the need for partnerships to preserve the landscape	Replace interpretive signs at Pebble Creek Golf Course. Construct trail and bridges necessary for trail gap connection just north of Divide.	2017-2018 2017-2020	ND Outdoor Heritage Grant opportunity; Possible RTP or Rec Trails grants	Army Corp, ND Game and Fish, City of Bismarck, NPHF
City or County Sites Not along the Missouri									
J. World War Memorial Building	historic building	Needs improvements and updates are ongoing	Recreation Center located downtown, open to public during certain hours	none	Built in the Art Deco style and currently listed on the historic register. Built in 1929-1930, it is a significant historic building landmark in downtown Bismarck	Entrance/lobby remodeling	2017-2020	Grants in partnership with the ND Historical Society and NPHF	Current office partners; NPHF; ND Historical Society
						Electrical upgrades	2017-2020		
						Plumbing upgrades	2017-2020		
						Plaster repair, asbestos abatement	2017-2020		
						Restroom upgrades	2017-2020		
						Building accessibility upgrades	2018-2022		
						Office space remodel	2019-2022		
						Locker room upgrade/remodel	2019-2022		
						Roof repairs	2019-2022		
						HVAC	2019-2022		

NATURAL, CULTURAL & HISTORICAL RESOURCES PLAN

BPRD Cultural & Historical Resource Inventory Map



3. FORESTRY

BISMARCK FORESTRY ADVISORY BOARD

Forestry plans and decisions for the region's parks are ultimately made by BPRD, but the Bismarck Forestry Advisory Board provides valuable input for residents in the area, and is composed of professionals in related fields and concerned citizens. The Board has been established to:

- Advise and assist the City Forester in the selection, planting, maintenance, protection and removal of trees on streets, in parks and on other public property in the city.
- Advise and assist the City Forester in the enforcement of the Forestry Ordinance.
- Make recommendations to the City Forester as to desirable legislation concerning the selection, planting, maintenance, protection and removal of trees on streets, in parks and on other public areas in the City of Bismarck and the Bismarck Parks & Recreation District.

INVENTORIES

The BPRD and the City of Bismarck Forestry Division (BFD) have a cooperative interagency interest and collaborative approach in maintaining the health of the trees within the BPRD owned, leased and managed properties. Annual surveys and inventories are collected on the health of park trees, and pruning, tree and stump removal are performed as needed. The BFD also performs pesticide applications to protect the health of tree species from such invasive insects as the Cottony Ash Psyllid (*Psyllopsis discrepans*), and weeds planting beds to eliminate competition.

In addition to BFD's role in maintaining the health of BPRD trees, it also provides valuable support by organizing tree plantings and watering. In the last 10 years, the BFD has planted over 4,000 trees in collaboration with the BPRD. Community organizations, such as the Boy Scouts of America play a valuable role in planting saplings, and have assisted in annual plantings for many years. Corporate sponsors, including Tesoro Corporation, have also provided financial assistance that have aided the efforts of the BPRD and BFD in maintaining healthy trees and forests.

FUTURE GOALS

The Emerald Ash Borer (EAB) has been recorded in Minnesota and Winnipeg, and is highly likely to be found within North Dakota within several years as it makes its way westward move across the continent. Native green ash (*Fraxinus pennsylvanica*) trees compose a large percentage of the trees found along the Missouri River and within BPRD parks, and will succumb to the insect upon infestation. Therefore, the BFD plans to reduce ash forest composition to 7% within the next five years. To achieve this objective, the BFD will identify weak and failing ash trees for removal, and reforest with diverse tree species. Parks that will be targeted for increased ash removal and tree plantings include: General Sibley, Pioneer and Sertoma.

BFD also hopes to minimize the expenses of future tree plantings by growing tree saplings in a permanent gravel bed nursery. The nursery would allow for greater ease in tree transportation, and a longer timeframe for tree planting. BFD plans to apply for the North Dakota Forest Service Program Development Grant with hopes of covering construction expenses.

4. ENVIRONMENTAL STEWARDSHIP

4.1. BIOLOGICAL

EXOTIC AND INVASIVE PLANT SPECIES CONTROL

BPRD recognizes that exotic and invasive tree and plant species can cause negative environmental impacts; forest structure can be disturbed, turf quality diminished, native grasses and wildflowers displaced, and wildlife populations can suffer. It is for these reasons that the BPRD takes exotic and invasive species control seriously, and works to diminish and/or eliminate them when feasible. Current exotic and invasive plant species threatening BPRD lands are: Russian olive (*Elaeagnus angustifolia* L.), absinth wormwood (*Artemisia absinthium*), Canada thistle (*Cirsium arvense*), dalmatian toadflax (*Linaria genistifolia*), diffuse knapweed (*Centaurea diffusa*), leafy spurge (*Euphorbia esula*), musk thistle (*Carduus nutans*), purple loosestrife (*Lythrum salicaria*), Russian knapweed (*Acroptilon repens*), saltcedar (*Tamarix chinensis*, *T. parviflora*, *T. ramosissima*), spotted knapweed (*Centaurea maculosa*), yellow toadflax (*Linaria vulgaris*), common buckthorn (*Rhamnus cathartica*), and dandelions (*Taraxacum* sp.). Measures taken to limit these species include: pesticide sprayings, weeding, biological control and mowing. Roundup® and 2,4-Dichlorophenoxyacetic acid are the most common herbicides used within the BPRD, and are applied by staff that are Certified Pesticide Applicators or contracted through government entities with equal or more stringent legal requirements. Insects are also employed for the control of leafy spurge, Canada thistle and purple loosestrife.

EXOTIC AND INVASIVE ANIMAL SPECIES CONTROL

The BPRD participates in the control of exotic and invasive animal species. These projects are performed by the District staff as well as other government agencies such as the BFD and the Bismarck Environmental Health Division (BEHD) through collaborative efforts.

Annual mosquito traps are performed by the BEHD, and tests are conducted to determine the presence of West Nile. The BEHD assists the BPRD by applying Perm-X UL 4-4a and Altosid to reduce mosquito populations throughout the city and park district, therefore, limiting visitor exposure to West Nile.

While ground squirrels (*Uroditellus richardsonii*) and pocket gophers (*Thomomys talpoides*) are not exotic they are considered nuisance species by some homeowners neighboring BPRD properties. Resulting from residential concerns for their properties, the BPRD has administered toxic baits in some locations to control ground squirrel and gopher populations. Additional rodent population has been employed to minimize the destruction of newly planted tree saplings by beavers.

HABITAT IMPROVEMENT

During the spring of 2011, the Missouri River flooded to levels unseen for nearly 60 years. As a result of the rising waters and the harsh wind storm following the floods, the BPRD lost many trees and suffered some minor building damages. Parks located along the Missouri River or one of its channels were the most negatively impacted. Riverwood Golf Course, General Sibley, Sertoma, Hoge Island, and Pioneer Park experienced drastic losses, and efforts are still being made to restore the parks to their prior states. To improve habitat, turf and native grasses have been reestablished through seeding, and shrubs and saplings have

been planted. Large scale tree plantings were completed for all four of the parks listed above. Grants have been submitted to ensure that these sensitive areas will be reforested.

Additional projects that have improved habitat include: common buckthorn (*Rhamnus cathartica*) removal from forestry understories in Sertoma, General Sibley and East Sibley Nature Park, and the installation of bat houses at Riverwood Golf Course.

XERISCAPE AND NATIVE PLANTINGS

Native prairies once covered more than one third of the United States, and almost all of North Dakota. The mosaic of wild grasses and wildflowers provided valuable habitat and food sources for buffalo, waterfowl and many small mammals and insects. The western expansion of settlers and the subsequent land conversion to agriculture, fire suppression and the introduction of exotic species has resulted in a severe loss of native prairies within the state. Recent efforts have been made within BPRD to restore some areas with native prairie species. In addition to providing wildlife habitat and food sources, these native prairie species are adapted to the drier climate experienced on the border of the long and short grass prairie, and help BPRD to conserve water. Native plantings have included: hoary vervain, purple prairie bush clover, western spiderwort, stiff tickseed, gray goldenrod, golden alexander, wild bergamot, showy penstemon, prairie cinquefoil, Missouri goldenrod, upland goldenrod, stiff goldenrod, showy goldenrod, yarrow, heath aster, calico aster, Canada tick trefoil, prairie rose, little bluestem, side oats grama, switchgrass, yucca, penstemon, liatris, yarrow, coreopsis, gaillardia, monarda, geum, milkweed and leadplant.

4.2. PROTECTING PARKS, PRESERVES AND OPEN SPACE

MOTORIZED VEHICLE USE

The general public is prohibited from using motor vehicles within the parks other than the roads, trails, driveways or parking lots provided for such purposes. The term “vehicle” shall include all devices propelled by human, animal or mechanical power. The prohibitions of this subsection do not apply to medical mobility devices or to child strollers or baby carriages.

Park staff is allowed to use motorized vehicles for routine maintenance requirements. Vehicles are expected to stay on designated trails and roads as much as possible to minimize soil disturbance and compacted vegetation. Vehicles should also use Four-wheel drive to avoid rutting roads and trails during wet seasons. Travel through permanent wetlands should be avoided, and should be performed on foot or ATV to diminish negative ecological impacts.

PROHIBITED ACTIVITIES

It shall be unlawful for any person using parks under the operation and control of the Park District to perform any of the following acts:

- Use of glass beverage containers or to break any glass object.
- Consume or possess alcoholic beverages without first obtaining a beverage permit from the Park District.
- Ride or lead horses except in the Horse Arena and Atkinson Nature Park.
- Build any fire for any purposes, except in such places as may be designated by the Park District.
- Posting of posters and advertisements.
- Maintain any refreshment stand, offer any article of any character for sale, or conduct any business for profit on Park District property without obtaining a permit from the Park District.
- Carry or discharge any dangerous or concealed weapon, or any firearms, gun, air rifle, slingshot or other similar weapon, except for (1) the use of bow and arrow within a designated archery range or with a Special Herd Reduction Deer bow license or a special turkey bow license issued by the North Dakota Game and Fish Department in Bismarck and a trespass permit issued by the Bismarck Chief of Police or (2) the use of approved equipment, such as BB guns, in Park District approved classes.
- Permit any animal to run at large. Dogs must be leashed except in the leash-free area of a dog park.
- Fail to promptly clean up and dispose of the excrement of an animal for which you are responsible that is deposited upon park property.
- Hunting, trapping or killing of animals or birds, except for the use of bow and arrow within a designated area with a Special Herd Reduction Deer Bow license or a special turkey bow license issued by the North Dakota Game and Fish Department in Bismarck and a trespass permit issued by the Bismarck Chief of Police.
- Camp overnight in any parks except General Sibley Park and Eagles Park with a permit from the Park District for overnight camping.
- Enter upon any portion of a park which is temporarily or permanently closed to the public.
- Bring in or dump, deposit or leave waste, garbage, refuse or other trash, except in proper receptacles where provided.
- Deposit snow in any city park.
- Violate posted or printed rules of the Park District.

DOG PARKS AND WALKING STATIONS

According to City Code and BPRD rules, dogs are required to be leashed unless they are within a designated dog park. BPRD has one designated dog park at Century Park that allows citizens to allow their dogs to run freely in a fenced area. Bismarck city ordinance 3-03-05 also requires that citizens clean up their dog's waste. BPRD provides over 50 waste disposal sites with 100% biodegradable bags throughout the District.

5. PUBLIC USE

5.1. RECREATION

ENVIRONMENTAL INTPRETATION AND EDUCATION

The Frances Leach High Prairie Arts and Science Complex houses the Gateway to Science, a hands-on museum that serves as a fun and educational resource for the community and region. Since its inception in 1994, the museum has provided environmental education through exhibits covering topics such as butterflies and astronomy, through the observance of World Water Day, and by their annual Environmental Festival.

Additional opportunities for environmental education and interpretation are available at Chief Looking's Village, Bill Mills Nature Trail, Rotary Club Arboretum, Keelboat, Steamboat, Johnny Gisi Memorial Park, and General Sibley Park. At Chief Looking's Village, visitors can learn about the earthen lodges, agriculture, and the seasonal movements of the Mandan Indian Tribe. Visitors can both read interpretive signage along the trail, and gather an interpretive brochure for additional information. Along the Bill Mills Nature Trail, visitors can learn about the importance of wetlands through interpretive displays, and at the Rotary Club Arboretum visitors can learn over 20 species of trees through educational plaques. Both Keelboat and Steamboat Park have interpretive signage detailing the Lewis and Clark expedition, Native American folklore, and the mechanics and designs of historic boats. Gisi Park includes both an overlook with interpretive signage, and a pollinator garden with interpretive information. Gisi Park is part of the larger Edgewood Trail and is a much used new neighborhood park. General Sibley Park has four new interpretive signs, with four more in the design phase. Additionally, environmental education materials can be found within the park office, and activities involving troubled youth have helped children from the region become familiar with tent camping, building fires, and enjoying the outdoors.

COMMUNITY OUTREACH

The BPRD is committed to providing premier public parks, programs and facilities, and strives to be accessible to and collaborative with government entities, the business community, partner groups and the community. Being an active and visible part of Bismarck's landscape is an important goal for the District. To become more valuable to Bismarck's citizens and its visitors, the BPRD has updated its options for local input and stakeholder engagement; 1) to plan joint Board meetings with city and county agencies, and local schools to continue discussion on growth and collective responsibility to address that growth; 2) be active and visible in the community; 3) explore new partnerships with the business community; and 4) seek out new and additional partners. BPRD also uses market research studies to gather public opinions and collect community input regarding park facilities, BPRD programming, affordability of programs, and levels of support for various recreational activities.

OUTDOOR RECREATION AND COMMUNITY SPACE

The BPRD encourages its visitors to not only participate in organized sports and athletics, but in seasonal outdoor recreational activities as well. During the warmer months, visitors can rent paddleboats, canoes and kayaks, golf, go mountain biking, practice archery, go camping or have a picnic. During winter months, visitors can go ice skating or sledding, find groomed cross country trails, or hike along a groomed path by the Missouri River. While there are many opportunities for citizens to enjoy the outdoors, the BPRD also creates

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programming to encourage citizen involvement, generate excitement, promote active lifestyles, and above all else, advocate fun.

Winter Flurry Fest has existed for over 20 years, and encourages citizens to enjoy their parks through a variety of indoor and outdoor activities. Events and programs citizens can enjoy include: winter Olympics, disc golf, indoor skating, photo contests, treasure hunts, and wallyball tournaments. Summer events are also scheduled during July, National Park and Recreation Month. This annual event has been celebrated for over 25 years, and visitors can enjoy free camping, geocaching, free junior golfing, playground scavenger hunts and trails discovery competitions. These public events are listed on the BPRD website, published in the Bismarck Tribune, are printed in activity and programming guides, and are recorded on the District's information line.

The BPRD also encourages its citizens to be outside through community gardening. The BPRD provides community garden lots to citizens, performs annual rototilling in the spring, provides water spigots, collects garbage, and cultivates the plots in the fall. There are currently 350 plots of land used by local residents and organizations. Through collaborative efforts with Bismarck Gardens, matching grants have made these community gardens a reality. In addition, gardeners who experience a bountiful crop can donate their surplus to the North Dakota Hunger Free Gardens which benefits many local non-profit agencies and community groups.

VOLUNTEER OPPORTUNITIES

The BPRD welcomes community involvement and volunteer projects. Many Boy Scouts have become Eagle Scouts by completing projects for the BPRD. Projects completed include: repainting picnic shelter benches and poles at Zonta Park, and creating a concrete handicap-accessible walkway at the Nishu Bowmen Indoor Archery Range. The Boy Scouts also provide assistance at the annual Arbor Day Celebration with sponsorship from Tesoro Corporation, and have helped to plant over trees and shrubs every year in the parks since 2008.

In addition, BPRD participates in the United Way Day of Caring and many park and facility projects have been completed through that partnership.

5.2. RESOURCE MANAGEMENT

TRAIL CONSTRUCTION, MARKING AND MAINTENANCE

The BPRD has over 55 miles of paved trails, and over 20 miles of unpaved trails. Most of the asphalt trails are multiple-use, and are 10 feet in width unless the proper easement was not granted at the time of trail construction. Asphalt trails have a minimum depth of 2" of bituminous paving, and are most are mowed frequently as they are categorized as Class A and B parks.

Unpaved trails, including single track mountain bike trails, are designed to avoid soil erosion and divert water. Natural surface trails have a minimum depth of 4" of Class 5 gravel, and may be mowed less frequently as they may be categorized as Class C and Class D parks. Both paved and unpaved paths have designated trail signage, and many greenways and loop trails

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have trail maps detailing site location. Printed trail maps can be found at the park headquarters, at several park facilities, and online.

BPRD Trail Marking Policy

Signage and Marking Guidelines for Events held on BPRD property

Persons or groups wishing to utilize Bismarck Parks and Recreation District trails, cart paths, parking lots, or other paved surfaces for a race or event shall submit a written request to the BPRD. If the person or group plans to mark any paved or non-paved surface for the purpose of delineating distance or providing direction should include, with their request, a detailed description of the type of markings and when and where such marking will take place. A detailed plan for any signage should also be included with the request. If approved for the race or event, the person or group will be notified in writing including the marking/signage guidelines for the Bismarck Parks and Recreation District. Any marking on BPRD paved surfaces shall be done using the most temporary medium possible, including water based paint, dry or liquid chalk, food coloring, or other approved low durability substance. BPRD preferred marking method is chalk. Any signs used for the event or race should be temporary staked signs and should leave no visible trace once removed. The person or group responsible for the pavement marking and/or signage will also be responsible for removal of the signs and of the marking, to the best of their ability, as soon after the conclusion of the event as possible. This time schedule shall be included in the written request. Costs may be incurred if clean-up is not acceptable to the District.

ADA COMPLIANCE

The BPRD strives to make recreation, programming and its facilities accessible for all visitors; paved trails are often ten feet in width, over 3/4 of the playgrounds are accessible, and many playgrounds have additional ramps added not required by the Americans with Disabilities Act of 1990 (ADA). Many of our newer facilities are built in compliance with the ADA, complete with elevators, ramps, wheelchair accessible water fountains and restrooms. Several of our older facilities do not meet the requirements set forth by the ADA, and the BPRD is aiming to update facilities in the near future. As listed in the Strategic Update for 2013-2015, a facilities study was conducted for Hillside Pool/Lions Park, Schaumburg Arena, World War Memorial Building, Capital Racquet & Fitness Center, and Frances Leach High Prairie Arts and Science Complex. The study identified proposed facility upgrades and improvements, and ADA compliance. Other facilities to be considered for future improvements include: Municipal Ballpark Master Plan, Cottonwood Park/Reichert Field, and the Park Operations Shop.

While not all facilities meet ADA compliance, the BPRD is dedicated to serving all members of the community. As listed on our website, on our trail maps and in our printed program guides:

“Bismarck Parks and Recreation District is committed to making all of our programs, facilities, services, and activities accessible to everyone. If you feel that you or your child may require auxiliary aid or special accommodations to participate, please let us know. We will work with you in order to make safe and respectful accommodations.”

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APPENDIX A – Complete List Parks and Facilities within the Operations Division (by maintenance class)

<u>PARK</u>	<u>DESCRIPTION</u>
16th Street Park (4.7 Acres) Class A <i>Includes:</i>	<i>Two ball diamonds, restrooms and playground</i>
Clem Kelley Athletic Complex (39 Acres) Class A <i>Includes:</i>	<i>Ten ball diamonds, soccer field, restrooms, concessions, playground, walking/recreation trails, tree nursery, Park Maintenance shop, and cold storage building</i>
Cottonwood Park (225 Acres) Class A <i>Includes:</i>	<i>Twelve softball diamonds, one baseball diamond, parking, soccer fields, restrooms, concessions, BMX track, walking/recreation trails, two playgrounds, picnic/shade shelters, fishing pond, and fishing pier</i>
Custer Park (2.4 Acres) Class A <i>Includes:</i>	<i>Benches, eagle sculpture, walkways, pergola</i>
Sam McQuade Sr. Softball Complex (11.1 Acres) Class A <i>Includes:</i>	<i>Four ball diamonds, restrooms, tournament building, shade shelter, playground, recreation trails</i>
Scheels Sports Complex (49.7 Acres) Class A <i>Includes:</i>	<i>Eight ball diamonds, restrooms, concessions, walking/recreation trail</i>
23rd Street Park (2.5 Acres) Class B <i>Includes:</i>	<i>Backstop, basketball courts, soccer area, playground and shelter</i>
Municipal Baseball Park/Community Gardens (11.8 Acres) Class A <i>Includes:</i>	<i>Baseball diamond, parking, restrooms, concession, skating rinks, warming house, community gardens</i>
New Generations Park (11.7 Acres) Class B <i>Includes:</i>	<i>Playground, shelter, trail</i>
Normandy Park (8.7 Acres) Class B <i>Includes:</i>	<i>Playground, picnic shelter, loop trail</i>
North Central Park (5.4 Acres) Class B <i>Includes:</i>	<i>Tennis, picnic shelter, basketball court, playground, skating rinks, warming house, backstop</i>
Optimist Park (3 Acres) Class B <i>Includes:</i>	<i>Sand volleyball, portable toilets, two picnic shelters, basketball court, two playgrounds</i>
Century Complex (17.5 Acres) Class B <i>Includes:</i>	<i>Dog Park (three fields)</i>
General Sibley Park (238 Acres) Class B <i>Includes:</i>	<i>Campground (RV/camper and tent areas), campground office, campground shower house/bathrooms (2), shelters, vault toilets, playgrounds, Disc golf course, walking path, sand volleyball, boat ramp, maintenance shop, facility manager residence</i>

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Heritage Park (4.9 Acres) Class B

Includes: Playground, picnic shelter, loop trail, parking lot

Horizon Park (8.8 Acres) Class B

Includes: Playground, picnic shelter, trail, fitness equipment, community gardens

Igoe Park (4.5 Acres) Class B

Includes: Shade shelter, paved walking trail, playground

Jaycee Centennial Park (11.8 Acres) Class B

Includes: Two playgrounds, skating rinks, warming house, picnic shelter, Jaycee Leadership Hall, restrooms

Johnny Gisi Memorial Park (3 Acres) Class B

Includes: Playground, junior tennis/pickle ball courts, community gardens, parking, trailhead

Keelboat Park (16.2 Acres) Class B

Includes: Boat launch, Keelboat, "Thunderbird" sculpture, vault toilet

Kiwanis Park (13.6 Acres) Class B

Includes: Restrooms, picnic shelters, playground, sand volleyball

Lions Park (35.7 Acres) Class B

Includes: Disc golf, restrooms, pool, picnic shelters, playgrounds, walking trails, skating rinks, warming house, skate park, tennis courts

McDowell Dam (187 Acres) Class B

Includes: 4 picnic shelters, bathrooms, walking path, beach/swimming area, concession stand, boat ramp, pet cemetery, maintenance shop, caretaker residence

Sertoma Park (143.5 Acres) Class B

Includes: Sand volleyball courts, restrooms, tennis courts, 11 picnic shelters, playgrounds, walking/recreation trails, "Gatherings of Visions" sculpture, Sertoma Community Center, Wildwood Horseshoe Park, amusement park, zoo

Sleepy Hollow Exchange Club Park (45.1 Acres) Class B

Includes: Outdoor theater, restrooms, picnic shelter, mountain bike trail, exercise equipment

Sons of Norway Park (6.89 Acres) Class B

Includes: Restrooms, tennis courts, two picnic shelters, playground, Skate Park

Southland Park (2.3 Acres) Class B

Includes: Playground, picnic shelter, trail, ½ court basketball

South Meadows Park (3.7 Acres) Class B

Includes: Playground, picnic shelter, loop trail, basketball court

Steamboat Park & Plaza (4 Acres) Class B

Includes: Steamboat Plaza Interpretive Kiosk, "Reflections" sculpture, walking trail

Sunrise Park (6.6 Acres) Class B

Includes: Playground, picnic shelter, trail

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Tatley-Eagles Park (17.1 Acres) Class A & B

Includes: Two baseball diamonds, sand volleyball, playground, skating rinks, warming house, community gardens

Tom O’Leary Tennis Courts (1.8 Acres) Class B

Includes: Parking, tennis courts, Jackie Dockter Memorial Fountain

VFW Post #1326 Family Recreational Park (12 Acres) Class B

Includes: Ball diamond, recreation trail, soccer fields, skating rinks, warming house

Wachter Park (8.0 Acres) Class B

Includes: Restrooms, picnic shelters, “Magical Moments” playground

Duemeland Park (4.1 Acres) Class C

Includes: Playground, picnic shelter

Eagles Park Class C

Includes: Camping, picnic shelter, playground

Fox Island Boat Ramp (13 Acres) Class C

Includes: Boat ramp, fishing, fish cleaning station, restrooms, courtesy docks

Archery Range – Nishu Bowman complex (33.7 Acres) Class C

Includes: Parking, restrooms, archery(indoor and outdoor)

Hoge Island Boat Ramp (87.2 Acres) Class C

Includes: Boat ramp, parking, fishing, toilets, shelter, playground, model aircraft field

Horse Arena (Walt Neuens) (24.3 Acres) Class C

Includes: Horse stable, riding arenas, restrooms, picnic shelter

Marion Park (8.6 Acres) Class C

Includes: Picnic tables, playground

Pioneer Park/Chief Looking’s Village-Overlook (64.5 Acres) Class C

Includes: Eight sand volleyball courts, restrooms, picnic shelter, playground, walking/recreation trail, pet cemetery, scenic overlook, interpretive trail, mountain bike trail, Sonali’s Garden

Zonta Park (3.8 Acres) Class C

Includes: Restrooms, picnic shelters

<u>Undeveloped Property</u>	<u>Acres</u>	<u>Class</u>	<u>Includes</u>
Atkinson Nature Park	138	D	<i>Natural wooded area</i>
Bill Mills Nature Trail			<i>Interpretive trails, non-paved hiking trails</i>
City of Bismarck Land (south & north of I-94)	45	D	Native area, mountain bike trails
Edgewood Land	48.6	D	Undeveloped land with coulees
Hay Creek Greenway	177.4	D	<i>Shared-use trail</i>

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Highland Acres Park	10.4	D	<i>Natural area, wooded in parts</i>
Horizon School Land	10	D	<i>Undeveloped land, trees planted</i>
Missouri River Legacy Trail (north of Pioneer Park)		D	<i>Shared-use trail</i>
Riverfront Property	308	D	<i>Natural riverfront area</i>
Rosa Young Park	5.8	D	<i>Natural area</i>
Southland Subdivision (minus park)	5.8	D	<i>Shared use trail corridor</i>
Sunrise Land (minus Sunrise Park)	9.9	D	<i>Undeveloped land</i>
Sullivan Property	35	D	<i>Shared use trail corridor</i>
Tyler Coulee Greenway	13.1	D	<i>Coulee land, left natural</i>
Valley Drive Greenway	56.3	D	<i>Coulee land, left natural</i>

Burleigh County Parks

Kimball Bottoms (33.0 acres) Class C

Includes: Boat ramp, parking lot, primitive camping, picnic shelters, vault toilet.

Kneifel Boat Landing (13.2 Acres) Class C

Includes: Boat ram, parking lot, primitive camping, picnic shelters, vault toilet, fish cleaning station

MacLean Bottoms (6.5 Acres) Class C

Includes: Boat ramp, parking lot, picnic shelters, vault toilet

Missouri Valley Complex (approximately 410.5 Acres) Class C

Includes: Motorcross track, outdoor rodeo arena, community gardens, ATV training

Steckel Boat Landing (6.4 Acres) Class C

Included: Boat ramp, parking lot, primitive camping, vault toilet

Swenson Park (13.5 Acres) Class C

Includes: Parking lot, picnic shelter

APPENDIX B – Ordinances

County Ordinances

- Comprehensive Land-Use Plan developed in accordance with 11-33-01 of the North Dakota Century Code established as a general policy for all townships within Burleigh County. The goal of Section 3 is to: “Conserve and expand the county’s recreational and scenic areas, natural features, parks, and open space for the benefit and enjoyment of the public.”
 - **3.01 Open Space**
 - Policy 3.01A Provide public access to natural and scenic areas.
 - Programs: Encourage bike trail/walkway easements in subdivision plats to ensure reasonable access to amenity areas.
 - Policy 3.01B Preserve open space and natural features in public and private development.
 - Programs: Encourage the retention of natural features in the design of subdivisions.
 - **3.02 Recreation**
 - Policy 3.02A Adequate parks and recreation facilities should be provided to meet the needs of county residents.
 - Programs: 1) Encourage developers of fringe area subdivisions to designate land for parks.
 - 2) The various county and city departments should work closely together in planning for future parks and recreational areas.
 - Policy 3.02B Discourage the conversion or sale of existing park and public open space to conflicting uses.
 - **8.00 Environment** -Goal: “Emphasize environmental consideration as major factors in the decision-making process.”
 - **8.01A Natural and Historic Features**
 - Policy 8.01A Identify and preserve natural and historic features in Burleigh County
 - Program: 1) The Planning Department, with the assistance of the State Historical Society, should document the important historical features in the county.

Ordinances of the City of Bismarck & BPRD

Section 8: No person shall operate any vehicle on any area within the parks other than the roads, trails, driveways or parking lots provided for such purposes. For the purpose of this section the term “vehicle” shall include all devices propelled by human, animal or mechanical power. The prohibitions of this subsection do not apply to medical mobility devices or to child strollers or baby carriages.

Section 9. Prohibited Acts.

- 1) All offenses and provisions as set forth in Title 3, Animal Control and Protection, and Title 6, Criminal Offenses, of the City of Bismarck Code of Ordinances, as amended, shall apply to all Park District property.
- 2) It shall be unlawful for any person using parks under the operation and control of the Park District to perform any of the following acts:
 - a) Use of glass beverage containers or to break any glass object.

- b) Consume or possess alcoholic beverages without first obtaining a beverage permit from the Park District.
 - c) Ride or lead horses except in the Horse Arena.
 - d) Build any fire for any purposes, except in such places as may be designated by the Park District.
 - e) Posting of posters and advertisements.
 - f) Maintain any refreshment stand, offer any article of any character for sale, or conduct any business for profit on Park District property without obtaining a permit from the Park District.
 - g) Carry or discharge any dangerous or concealed weapon, or any firearms, gun, air rifle, slingshot or other similar weapon, except for (1) the use of bow and arrow within a designated archery range or with a Special Herd Reduction Deer bow license or a special turkey bow license issued by the North Dakota Game and Fish Department in Bismarck and a trespass permit issued by the Bismarck Chief of Police or (2) the use of approved equipment, such as BB guns, in Park District approved classes. Park Ordinances 4
 - h) Permit any animal to run at large. Dogs must be leashed except in the leash-free area of a dog park.
 - i) Fail to promptly clean up and dispose of the excrement of an animal for which you are responsible that is deposited upon park property.
 - j) Hunting, trapping or killing of animals or birds, except for the use of bow and arrow within a designated area with a Special Herd Reduction Deer Bow license or a special turkey bow license issued by the North Dakota Game and Fish Department in Bismarck and a trespass permit issued by the Bismarck Chief of Police.
 - k) Camp overnight in any parks except General Sibley Park and Eagles Park with a permit from the Park District for overnight camping.
 - l. Enter upon any portion of a park which is temporarily or permanently closed to the public.
 - m. Bring in or dump, deposit or leave waste, garbage, refuse or other trash, except in proper receptacles where provided.
 - n. Deposit snow in any city park.
 - o. Violate posted or printed rules of the Park District.
- (Revised Ordinance 12-15-11)*

Section 10. Park Trees. The ordinances in Title 13, Trees and Vegetation, of the City of Bismarck Code of Ordinances, as amended, shall apply to all Park District property.
(Revised Ordinance 12-15-11)

Title 3. Animal Control and Protection

Chapter 3.03 Licensing and Control of Dogs and Cats

3-03-05. Running at Large Prohibited - Wastes.

- 1. It is unlawful for any owner or keeper of a dog to allow the animal to be at large. No intent or knowledge by the owner or keeper of a dog is necessary to prove a violation of this ordinance.
- 2. Every owner or person having control of a dog or cat shall collect and properly dispose of the dog's or cat's solid waste when eliminated.

Title 11. Water Pretreatment Program

Chapter 11.1-03. Regulations

11.1-03-03. Wrongful Discharge of Waste Into Storm Sewer Watercourse.

No person shall discharge wastewater or industrial wastes into any storm sewer or other watercourse within the city. Wastewater or industrial wastes may be discharged pursuant to this chapter only into the sanitary sewer system via an approved building sewer or at discharge points authorized by the Engineer or the Pretreatment Coordinator. A violation of this section is an offense. (*Ord. 4383, 07-02-91*)

Title 13. Trees and Vegetation

Chapter 13-02. City Forester; Trees and Regulations

13-02-04. Forestry Advisory Board.

1. There is created a commission to be known and designated as the forestry advisory board which is composed of one member of the board of city commissioners appointed by the mayor, one member of the park district board appointed by the president of that body and eight citizens who shall reside in or own property in the City of Bismarck and shall be appointed from at large by the mayor, for a term of four years. Ex officio members of the forestry advisory board shall be the director of parks and recreation and the city forester.

2. The duties of the forestry advisory board are:

- a) To advise and assist the city forester in the selection, planting, maintenance, protection and removal of trees on streets, in parks and on other public property in the City.
- b) To advise and assist the city forester in the enforcement of this chapter.
- c) To make recommendations from time to time to the city forester as to desirable legislation concerning the selection, planting, maintenance, protection and removal of trees on streets, in parks and on other public places in the City of Bismarck and the Bismarck Park District, North Dakota.

Chapter 13-02-08. Removal, Planting and Replacement.

1. If any tree is planted or set out in conflict with the provisions of this chapter, the city forester shall remove or cause to be removed the offending tree and the cost thereof shall be assessed to the property in the manner provided for special assessments.

2. If it is necessary for the city to remove a tree or trees from a boulevard in connection with improvements of the portion of street or highway used for vehicular traffic, the City shall replant the trees or replace them, provided that conditions permit. If conditions prevent planting on the boulevards, this requirement will be satisfied if any equivalent number of trees are planted in an attractive manner on the adjoining property.

3. No person may remove a tree from the boulevard for the purpose of construction, or for any other reason, other than removal of an immediate hazardous or dangerous condition, without first filing an application and procuring a permit from the city forester, and without replacing the removed tree in accordance with the adopted arboricultural specifications and standards of practice. The replacements shall meet the standards of size, species and replacement as provided for in the permit issued by the city forester. The cost of removal and replacement shall be borne by the property owner.