



Board of Directors

Agenda & Reports

January 18, 2011

**Bend Park and Recreation District
Board of Directors**

January 18, 2011

5:30 PM Work Session

**District Office Building
799 SW Columbia
Bend, Oregon**



5:30 PM WORK SESSION

1. Receive Budget Committee member applications and review budget calendar
2. Review of draft trails atlas
3. Park Resource Officer update
4. Energy audit with Energy Trust of Oregon update

VISITORS

Work sessions are scheduled for the board to receive and discuss information regarding district operations, projects, and planning to aid in their decision-making process. The board can choose to accept comment on work session agenda items at the end of their discussion. The chair may ask for comment from visitors at the appropriate time. Please state your name and address and limit your comments to three minutes in the interest of allowing the board to complete their work session agenda.

EXECUTIVE DIRECTOR'S REPORT

BOARD MEETINGS CALENDAR REVIEW

GOOD OF THE ORDER

ADJOURN

BOARD AGENDA COMMUNICATION

AGENDA DATE: January 18, 2011

SUBJECT: Receive Budget Committee member applications and review budget calendar

STAFF RESOURCE: Lindsey Lombard, Finance Director
Don Horton, Executive Director

PREVIOUS BOARD ACTION: None

ACTION PROPOSED: Receive budget committee applications and discuss budget calendar dates

BACKGROUND

There is currently one vacant seat on the district's Budget Committee, as Dan Fishkin completed his term at the end of the budget process for fiscal year 2010-11. The board has received several applications for consideration for the position. Tonight, the board should discuss and decide upon the appointment process they prefer in preparation for appointing a committee member on February 1.

Each year staff develops a budget calendar for the upcoming fiscal year's budget process. We are again planning a tour for the budget committee and board. The tour's purpose is to see some of the more significant sites of projects that will be in this year's proposals. The tour is currently tentatively scheduled for Tuesday, April 26, from 10:00am to 2:00pm, and the district will provide lunch.

We are also tentatively scheduling the budget committee meetings for Monday May 9 and Wednesday May 11, (with Tuesday May 17 scheduled as a tentative third meeting if necessary) with the budget adoption by the board scheduled for the regular Tuesday June 7 board meeting.

STAFF RECOMMENDATION

Staff recommends the board review and consider the applications in preparation for appointment on February 1. Staff also recommends that the board note the dates for the budget tour and the budget committee meetings, and inform staff as soon as possible if there is a scheduling conflict.

BUDGETARY IMPACT

The 2011-12 fiscal year's proposed budget is tentatively scheduled to be presented to the board and budget committee on May 9.

MOTION

None.

ATTACHMENT

None. The applications will be provided during the work session.

BOARD AGENDA COMMUNICATION

AGENDA DATE: January 18, 2011

SUBJECT: BPRD Draft Trails Atlas Maps

STAFF RESOURCE: Steve Jorgensen, Planning Manager
Bruce Ronning, Director of Planning and Development

PREVIOUS BOARD ACTION: The Board adopted a Trails Master Plan in 2008.

ACTION PROPOSED: Board review and discussion of the draft Trails Atlas.

BACKGROUND

The Board adopted a district Trails Master Plan (Plan) in 2008 that includes a series of maps showing both existing and planned trail routes. The Trails Master Plan is used to forecast future trail development and to prioritize and fund projects on the district's capital improvement plan (CIP). Subsequent to that effort, staff developed a series of individual park maps to be included in a "Park Atlas" as part of the update to the district's Comprehensive Plan. The Park Atlas was approved by the Board as an appendix to the Comprehensive Plan in order that it can be modified and updated as park information changes and new parks come online. Until now, the only comprehensive trail system maps available to the public are those included within the city of Bend 2006 "Assessment of Bicycle and Pedestrian System Needs" as it is incorporated into the city's Transportation System Plan (TSP).

Because of the inclusion of sidewalks, on-street bikeways and future routes, the TSP maps are confusing and not well suited for the recreational trail user. This format is also difficult and expensive to update, leading it to become out of date relatively quickly.

The district's Bend Urban Trail Map was developed with the recreation trail user in mind, and is posted on the website and available in a two-sided hard copy. It provides trail users a comprehensive view of the district-managed trail system that is open to the public. However, the accompanying Deschutes River Trail Map provides the only detailed reference for a particular district trail route. The need for a district map format that can provide the user more detailed information about existing trail segments and be relatively easy to update as new trails come on line, has led to the development of the draft Trails Atlas.

The Park Atlas format was used as a starting point and refined in developing the draft. The Trails Atlas will offer the same ease of updating as the park atlas and will allow individual trail maps to be linked to a new trail listing on the district Website. In addition, more comprehensive trail information will include distances, trailhead locations and the proximity of parking, restrooms and water. Eventually information on trail accessibility can be provided as well.

STAFF RECOMMENDATION

Staff asks the board to review the examples of draft trails atlas maps and provide input and direction to staff in preparation for eventual adoption of a set of final maps.

BUDGETARY IMPACT

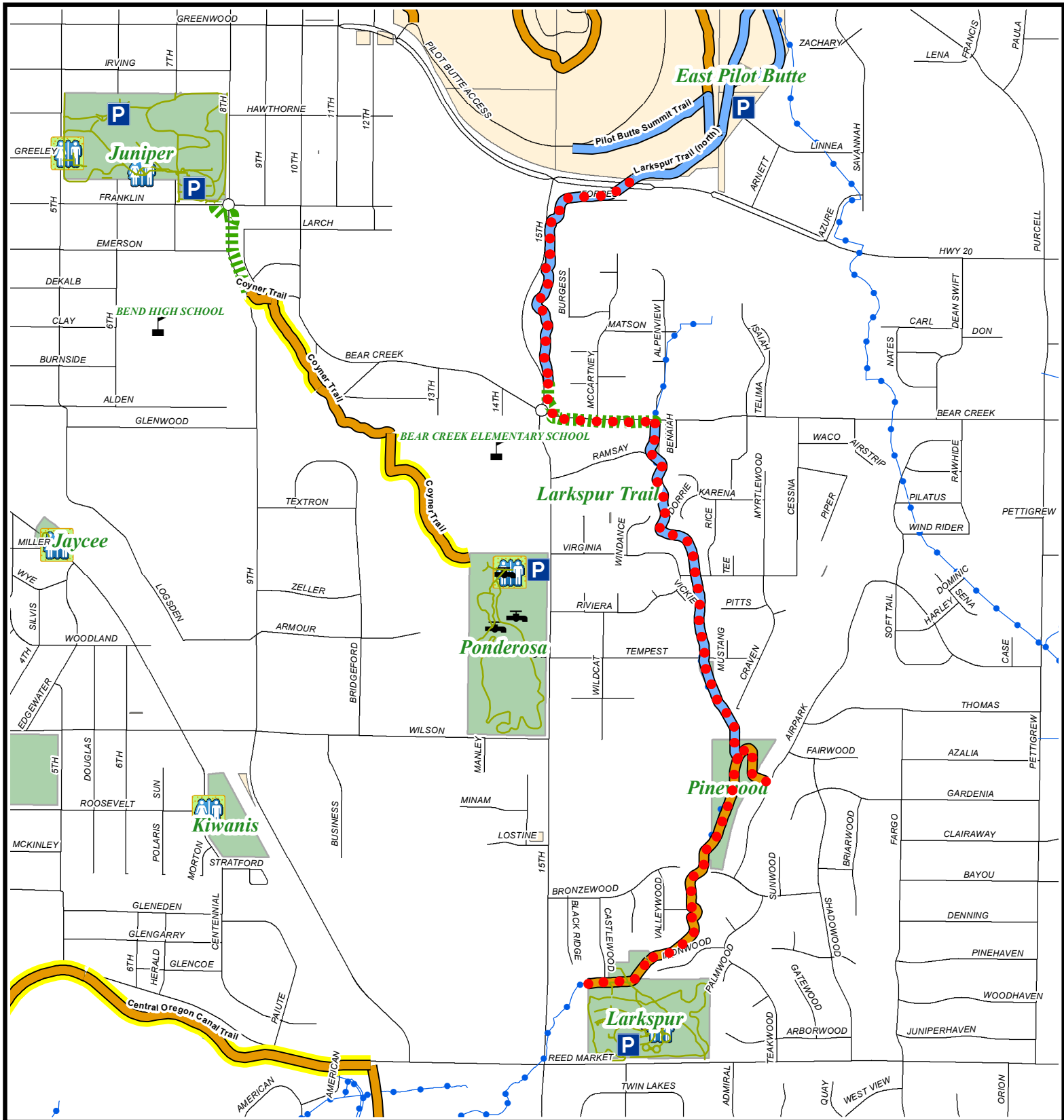
No impacts proposed.

MOTION

None at this time.

ATTACHMENT

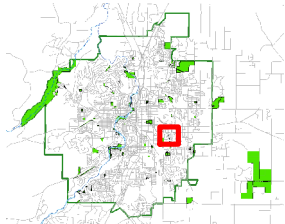
Draft Trail Atlas (sample) maps



Larkspur Trail (South)

Location: Larkspur Park to US20 (tunnel)
 Trail Class: Primary and Connector
 Developed Length: 1.8 miles

Neighborhood: Orchard and Larkspur
 Accessibility: Partial, in parks
 Off-Street Parking: Larkspur and Pilot Butte Parks



- Existing Trails**
- Paved Shared-Use Path
 - Sidewalk
 - Unpaved
 - Private - Public Use Allowed
 - Park Path or Trail
 - USFS Trail
 - Parks
 - Selected Trail
- Drinking Fountain (seasonal)
 - Restroom (fixed)
 - Portable Restroom (seasonal)
 - Bend UGB
 - Park District
 - Public Land
 - Off-street Parking



Not to Scale

BOARD AGENDA COMMUNICATION

AGENDA DATE: January 18, 2011

SUBJECT: Assessment of the Park Resource Officer Program

STAFF RESOURCE: Ed Moore, Park Services Director
Paul Stell, Natural Resource Manager

PREVIOUS BOARD ACTION: Discussion

ACTION PROPOSED: Discussion

COMMITTEE ACTION: None

BACKGROUND

In June 2009, Bend Park and Recreation District and the city of Bend entered into a memorandum of understanding (MOU) that created the Park Resource Officer (PRO) Program. This put a fulltime sworn police officer in the parks to focus on issues directly related to customer complaints received by the district. Customer complaints typically included off-leash dogs, illegal use of alcohol, bridge jumping, illegal parking and various other nuisance issues.

In 2010, Officer Mark Tisher, an eight-year member of the Bend Police Department was assigned to parks. The biggest difference between 2009 and 2010 was Officer Tisher's experience and close association with his fellow officers. Officer Tisher focused on crime in the parks and relied upon other officers to follow up lesser complaints initiated through contacts and interviews by Officer Tisher. The Bend Police Department is committed to the program and determined to not let the illegal activity in the parks escalate.

We have found over the last two years that dedicating an officer to patrol parks helps to resolve chronic violations, allows for consistent application of the district's rules and regulations, and enforcement of city ordinances and state laws. The program gives staff the ability to direct law enforcement resources where and when they are needed. The police department now provides the park district with information on the times, dates and locations where enforcement action has taken place allowing the district to focus energy in areas where it will be the most effective.

The uniformed officer is very well received by the public as evidenced by numerous comments to both the police department and district staff. The presence of the officer allows for a greater opportunity to educate park users and creates a feeling of security.

Officer Tisher made a total of 121 formal contacts for a wide variety of situations. The police department also responded to an additional 255 contacts. Compare this total of 376 contacts in 2010 to the 232 recorded in 2009 and you will find an increase in 127 contacts. Half the contacts in 2009 were dog related. In 2010, that number dropped to 49 indicating that progress has been made in that area. In 2009, there were 127 contacts for dogs at large. In 2010, there were 16 contacts for dogs off-leash by the PRO, and 33 contacts by other officers. Again this year we feel we made good progress on the off-leash dog problem by Officer Tisher using more officers to address the issue. There have been fewer complaints about off-leash dogs than in the past. Attached is a listing of violations and frequency of violations that occurred over the past year in distinct parks that are located within the city limits.

Drug use and drug sales in Drake Park have been quite common especially during the summer. This is probably the toughest task the Park Resource Officer has to deal with. More than half a dozen drug related arrests have been made in Drake Park and the Mirror Pond Plaza in the last two years. Reducing drug use and sales will require a well coordinated and persistent approach with the PRO teaming up with other officers.

In the summer of 2010, the Deschutes County Sheriff Department initiated an after-school park patrol program. School Resource Officers were assigned to patrol responsibilities in district and state parks. The added presence at Shevlin, Pine Nursery and Big Sky parks did have a positive effect. The Sherriff's Department offered this service without charge. The deputies encountered a wide variety of activities over the summer. The main focus for Bend parks was off-leash dogs. Fifty-six verbal warnings were given for dogs at large. Forty-four other contacts for minor criminal activity were made that included theft, criminal mischief, traffic violations and illegal fishing. Anecdotally, the Shevlin Caretaker feels that more people were compliant with the leash laws, but also believes there is still much work to be done in this area. Attached is a report of violations handled by the sheriff's department.

ATTACHMENT

Law enforcement activity report
2010 Deschutes County Sheriff activity in Bend parks

BPD Statistics 4/1-8/30/2010

	Alcohol Violation	Animal Complaint	Assault	Assist to Fire	Criminal Mischief	Dispute	Dog at Large	Drinking in Park	Field Interview	Found Property	Harassment	Jumping off Bridge	Juvenile Problem	Missing/Runaway	Motor Vehicle Crash	Noise Complaint	Parking	Possession Controlled Substance	Public Assist	Restraining Order Violation	Sex Crime Offense	Suicidal Subject	Suspicious	Theft	Trespass Arrest	Unwanted Subject	UUMV	Warrant Arrest	Welfare Check	Other Officers Total	Mark Tisher Total	Combined Total
Other Officers																																
Columbia	2	2	1		1	1	6	2	8			3				1					2				1	1			31			
Davis	1								2																					3		
Drake	9	3	1			5	5		11	3								3				1	3			5	1		50			
Harmon	1	1				2	10		10							1						1				1			27			
Juniper	6	5			1	4	1		1	2			2		1	1	3				1	4	14		7		1	54				
McKay	1			1	1	2	8															2			1	1		17				
Pioneer	1	1		2	4	2			6	2						1						1	8					28				
Ponderosa	2	2	1	1		3	3		8	1								2				2	1	1		2		29				
Sawyer	2			2					3							3		1			1	1	1			1	1	16				
TOTAL	25	14	3	6	7	19	33	2	49	8	0	3	2	0	1	7	3	6	0	0	2	4	19	18	1	10	0	11	2	255	121	376

Columbia
Davis
Drake
Harmon
Juniper
McKay
Pioneer
Ponderosa
Sawyer
Total

	Alcohol Violation	Animal Complaint	Assault	Assist to Fire	Criminal Mischief	Dispute	Dog at Large	Drinking in Park	Field Interview	Found Property	Harassment	Jumping off Bridge	Juvenile Problem	Missing/Runaway	Motor Vehicle Crash	Noise Complaint	Parking	Possession Controlled Substance	Public Assist	Restraining Order Violation	Sex Crime Offense	Suicidal Subject	Suspicious	Theft	Trespass Arrest	Unwanted Subject	UUMV	Warrant Arrest	Welfare Check	Other Officers Total	Mark Tisher Total	Combined Total	
Mark Tisher																																	
Columbia	4	2		1		1	3		6												1										18		
Davis	6						2		3									1									1			13			
Drake	3	1		1		1	3	1	15		1		2		1		1			1		1	1	1	1	1	1	6		42			
Harmon	1						3																				1			5			
Juniper	2					3	1		1				1					1						3		1			13				
McKay	1				1	1	1		1																		2			7			
Pioneer					2				1										1						1					5			
Ponderosa				1			1		4									3							2			1		12			
Sawyer							2		2													1	1							6			
TOTAL	17	3	0	3	3	6	16	1	33	0	1	0	0	3	0	1	0	6	1	1	0	2	2	7	1	5	1	7	1	121	121	376	
Total Both:	42	17	3	9	10	25	49	3	82	8	1	3	2	3	1	8	3	12	1	1	2	6	21	25	2	15	1	18	3	376			

- In Incident Count Order
- Drake
 - Juniper
 - Columbia
 - Ponderosa
 - Pioneer
 - Harmon
 - McKay
 - Pioneer
 - Ponderosa
 - Sawyer
 - Davis
- Top Ten Violations
- Field Interview
 - Dog at Large
 - Alcohol Violation
 - Dispute
 - Suspicious
 - Warrant Arrest
 - Animal Complaints
 - Unwanted Subject
 - Poss. of Controlled Substance
 - Criminal Mischief

LAW ENFORCEMENT ACTIVITY IN BEND PARK AND RECREATION FACILITIES

<u>Incident Count By Park</u>	2009	2010
1. Drake	38	92
2. Juniper	13	67
3. Columbia	65	49
4. Ponderosa	6	41
5. Pioneer	6	33
6. Harmon	2	32
7. McKay	17	24
8. Sawyer	10	22
9. Davis	12	16
10. Other	146	
Total	315	376

<u>Violation Totals</u>		
1. Field Interview	0 *	82
2. Dog at Large	99	49
3. Alcohol Violation	50	42
4. Dispute	0 *	25
5. Theft	1	25
6. Suspicious	0 *	21
7. Warrant Arrest	4	18
8. Animal Complaints	28	17
9. Unwanted Subject	0 *	15
10. Poss. of Controlled Substance	7	12
11. Criminal Mischief	8	10
12. Bridge jumping	50	3
13. Other	76	57
Total	315	376

* 2009 data comes from the officer's notes while 2010 data is from dispatch's records. Data for these four categories is unavailable from 2009.

CAD CALLS FOR BIG SKY PARK 01/01/10 - 12/31/10

Rptd Date	Call Type	Case#	Time	Unit#	Location	Log#
1/16/2010	Animal complaint, dog	None	16:38	10K93	21690 NEFF RD; BIG SKY PARK	None
1/27/2010	Theft	10-60575	9:27	10D34	21690 NEFF RD; BIG SKY PARK	768558
1/30/2010	Unkown problem, 911 open line	None	10:25	10D30	21690 NEFF RD; BIG SKY PARK	None
2/12/2010	Unkown problem, 911 open line	None	13:41	10A9	21690 NEFF RD; BIG SKY PARK	None
2/19/2010	Unkown problem, 911 open line	None	19:27	10N31	21690 NEFF RD; BIG SKY PARK	None
3/16/2010	Unkown problem, 911 open line	None	15:00	10S13	21690 NEFF RD; BIG SKY PARK	774347
4/7/2010	Intoxicated person	None	18:15	10N39	21690 NEFF RD; BIG SKY PARK	None
4/19/2010	Driving under the influence	10-62190	19:23	10N35	21690 NEFF RD; BIG SKY PARK	None
5/13/2010	Noise complaint	None	19:11	10N34	21690 NEFF RD; BIG SKY PARK	None
5/23/2010	Property lost or found	None	20:47	10N33	21690 NEFF RD; BIG SKY PARK	783006
5/31/2010	SUSP4 Suspicious person not park	None	16:04	10D36	21690 NEFF RD; BIG SKY PARK	None
6/6/2010	Burglary	10-63181	20:34	10N37	21690 NEFF RD; BIG SKY PARK	784845
6/21/2010	Criminal mischief	10-63463	23:04	10A9	21690 NEFF RD; BIG SKY PARK	786735
7/4/2010	Traffic violation	None	13:12	10D32	21690 NEFF RD; BIG SKY PARK	None
7/4/2010	Criminal mischief	10-63735	19:16	10N36	21690 NEFF RD; BIG SKY PARK	788568
7/7/2010	Civil issue, custody	None	17:15	10D34	21690 NEFF RD; BIG SKY PARK	None
7/16/2010	Alarm	None	10:17	10D31	21690 NEFF RD; BIG SKY PARK	790360
7/17/2010	Animal complaint, dog	None	10:09	10D36	21690 NEFF RD; BIG SKY PARK	None
7/23/2010	Hit and run	10-64128	17:50	10N34	21690 NEFF RD; BIG SKY PARK	791451
8/7/2010	Domestic dispute	10-64429	11:18	10D38	21690 NEFF RD; BIG SKY PARK	None
8/12/2010	Animal complaint	None	18:26	10L41	21690 NEFF RD; BIG SKY PARK	None
8/21/2010	Wellfair check, medical	None	12:08	10S2	21690 NEFF RD; BIG SKY PARK	None
9/5/2010	Animal cmlplaint, dog	None	12:22	10D32	21690 NEFF RD; BIG SKY PARK	None
9/14/2010	Criminal mischief	None	10:56	10D32	21690 NEFF RD; BIG SKY PARK	None
11/13/2010	Juvenile	None	17:18	10D33	21690 NEFF RD; BIG SKY PARK	806453
12/2/2010	Suspicious person	None	14:57	10D33	21690 NEFF RD; BIG SKY PARK	None
12/9/2010	Dispute	None	14:33	10D32	21690 NEFF RD; BIG SKY PARK	809373
12/23/2010	Suspicious person	None	21:17	10N37	21690 NEFF RD; BIG SKY PARK	None
12/27/2010	Public urination	None	15:14	10K93	21690 NEFF RD; BIG SKY PARK	None

CAD CALLS FOR SHEVLIN PARK 01/01/10 - 12/31/10

Rptd Date	Call Type	Case#	Time	Unit#	Location	Log#
1/21/2010	Theft	10-60441	8:57	10K93	18919 SHEVLIN PARK RD; SHEVLIN PARK NORTH SIDE	None
1/30/2010	Suspicious person	None	0:48	10N38	18919 SHEVLIN PARK RD; SHEVLIN PARK SOUTH SIDE	None
2/26/2010	Motor vehicle accident	10-61139	23:24	10S9	18919 SHEVLIN PARK RD; SHEVLIN PARK SOUTH SIDE	None
4/21/2010	Indecent exposure	10-62233	16:18	10D36	18919 SHEVLIN PARK RD; SHEVLIN PARK SOUTH SIDE	None
5/15/2010	Shots fired or heard	None	16:20	10N22	18919 SHEVLIN PARK RD; SHEVLIN PARK SOUTH SIDE	None
5/24/2010	Juvenile problem	None	17:41	10D33	18919 SHEVLIN PARK RD; SHEVLIN PARK SOUTH SIDE	None
6/14/2010	Property lost or found	10-63329	12:09	10K88	18919 SHEVLIN PARK RD; SHEVLIN PARK SOUTH SIDE	785821
7/18/2010	Shots fired or heard	None	19:24	10N33	18919 SHEVLIN PARK RD; SHEVLIN PARK SOUTH SIDE	790643
12/9/2010	Animal complaint, dog	None	10:02	10K95	18919 SHEVLIN PARK RD; SHEVLIN PARK SOUTH SIDE	None

CAD CALLS FOR BEND PINE NURSERY PARK 01/01/10 - 12/31/10

Rptd Date	Call Type	Case#	Time	Unit#	Location	Log#
2/19/2010	Unwanted subject	None	10:40	10D34	63100 NE PURCELL BLVD; PINE NURSERY PARK	None
2/21/2010	Property lost and found	None	12:35	10K89	63100 NE PURCELL BLVD; PINE NURSERY PARK	None
2/25/2010	Animal control	None	16:58	10K95	63100 NE PURCELL BLVD; PINE NURSERY PARK	772238
3/23/2010	Public urination	None	14:07	10D35	63100 NE PURCELL BLVD; PINE NURSERY PARK	None
4/7/2010	Suspicious person	None	23:50	10N36	63100 NE PURCELL BLVD; PINE NURSERY PARK	None
5/1/2010	Animal complaint, dog	None	11:29	10K89	63100 NE PURCELL BLVD; PINE NURSERY PARK	780126
5/24/2010	Traffic	None	18:45	10N34	63100 NE PURCELL BLVD; PINE NURSERY PARK	None
6/1/2010	Traffic	None	16:08	10D31	63100 NE PURCELL BLVD; PINE NURSERY PARK	None
6/4/2010	Illegal fishing (adult)	None	15:32	10D37	63100 NE PURCELL BLVD; PINE NURSERY PARK	None
6/5/2010	Propert lost	10-63158	17:28	10N35	63100 NE PURCELL BLVD; PINE NURSERY PARK	784712
7/4/2010	Dispute	None	22:08	10N33	63100 NE PURCELL BLVD; PINE NURSERY PARK	None
9/13/2010	Animal complaint, dog	None	14:34	10K88	63100 NE PURCELL BLVD; PINE NURSERY PARK	None
9/16/2010	Animal complaint, dog	10-65196	19:18	10N30	63100 NE PURCELL BLVD; PINE NURSERY PARK	799129
10/4/2010	Burglary	10-65687	10:21	10D33	63100 NE PURCELL BLVD; PINE NURSERY PARK	801499
10/11/2010	Animal complaint, dog	None	9:40	10K89	63100 NE PURCELL BLVD; PINE NURSERY PARK	802365
10/20/2010	Hazardous activity	10-65953	16:19	10D38	63100 NE PURCELL BLVD; PINE NURSERY PARK	None
11/1/2010	Criminal mischief	10-66177	13:02	10K89	63100 NE PURCELL BLVD; PINE NURSERY PARK	805041
11/3/2010	Animal complaint, dog	None	20:10	10DESK	63100 NE PURCELL BLVD; PINE NURSERY PARK	None
12/4/2010	Shots fired or heard	None	10:23	10D31	63100 NE PURCELL BLVD; PINE NURSERY PARK	None

2010 Deschutes County Sheriff Department Activity In Bend Parks

	Alarm	Burglary	Dog off leash	Domestic dispute	Criminal mischief	Dispute	DUII	Hazardous activity	Hit and run	Illegal fishing	Indecent exposure	Intoxicated person
Big Sky	1	1	12	1	2	1	1		1			1
Pine Nursery			19		1	1		1		1		
Shevlin			25							5	1	
	Juvenile problem	Motor vehicle accident	Noise complaint	Property lost or found	Public urination	Shots fired or heard	Suspicious person	Theft	Traffic violation	Unwanted subject	Wellfair check, medical	
Big Sky	1		1		1		2	1	1		1	
Pine Nursery				2	1	1	1		2	1		
Shevlin	2	1		1		2	2	1				

BOARD AGENDA COMMUNICATION

AGENDA DATE: January 18, 2011

SUBJECT: Energy Audit Report

STAFF RESOURCE: Ed Moore, Park Services Director
Greg Barker, Facilities Manager
Steve Chapman, Park Technician

PREVIOUS BOARD ACTION: None

ACTION PROPOSED: Information

COMMITTEE ACTION: None

BACKGROUND

Our attention to energy savings throughout the district has been ongoing for several years as is noted below. The primary focus has been on HVAC systems and internal/external lighting.

Energy Savings Accomplishments

2008/2009

- Installed room occupancy sensors for lighting control at the shop and Larkspur restrooms.
- Replaced T-12 type fluorescent luminaries with more efficient T-8 luminaries at JSFC mechanical room.
- Replaced mercury vapor security lighting with more efficient metal halide lighting at Juniper parking lot storage building, Pine Nursery shop and Big Sky shop.
- Updated vandalized solar panels for automatic vehicle gate operators at Larkspur Trail.
- Installed the Maxicom remote control system for tighter controls over the operating hours of Skyline Sports Park field lighting.

2009/2010

- Installed demand controlled ventilation controls for the Senior Center multi-purpose room (paid for by an Energy Trust of Oregon (ETO) grant).
- Reduced water heater tank thermostat settings during off season park restroom closures at Big Sky II, Juniper and Skyline.
- Completed infrared inspection of electrical panels and controls at Senior Center, Old Bend Fire Station, Shop Complex and Aspen Hall.
- Installed LED lighting at Senior Center entry and Brooks Park flag pole.
- Replaced old water heaters with energy efficient water heaters at Hollinshead, Juniper restrooms, Shevlin caretaker residence and Drake restrooms.
- Replaced Aspen Hall reach-in refrigerator with energy efficient unit and took advantage of Energy Trust of Oregon rebate incentive (\$150.00).

2010/2011

- Connected the Pine Nursery parking lot lights and off leash pathway lights to the Maxicom remote control system for more precise lighting control.

Energy Savings Goals

2010/2011

- Standardization of neighborhood park pathway lighting systems to turn off at 10:00pm to reduce operation hours.
- Turn off selected pathway lights at 10:00pm in community parks while providing safe passage and security.
- Research potential advantages of installation of irrigation pump variable speed drives at Drake, Harmon, Pacific and Big Sky parks.
- Research installation of LED pathway pole lighting at Drake, Pioneer and Pacific parks.
- Research installation of water heater timers and thermal blankets.

Since midyear 2009 we have been working with ETO to assess our systems with the goal of further reduction of energy consumption. The cost of this exercise has been borne by ETO. They have local experts work with staff to do an in-depth research of lighting and HVAC system in each facility to determine what steps can be taken to reduce energy consumption.

You will find that data in the attached HVAC and lighting summaries

The HVAC Audit shows the top four buildings for energy conservation where staff would not recommend updating systems. We are not recommending any equipment work on any of them according to the Asset Plan. The remaining buildings are small, stand alone units and it would also not be cost effective to upgrade. The BETC tax credit-PASS-THROUGH OPTION-description is as follows: *The Pass-through Option allows a project owner to transfer their Business Energy Tax Credit project eligibility to a pass-through partner for a lump-sum cash payment. A project owner may be a public entity or non-profit organization with no tax liability or a business with tax liability that chooses to use the Pass-through Option. There may be tax implications when using the Pass-through Option. Please consult with your tax preparer.*

The Lighting Audit information shows energy savings payback from 0.8 to 43.8 years. Staff would not recommend any upgrades of greater than 10 years and that will be addressed in budget formulation.

STAFF RECOMMENDATION

None ó information only.

BUDGETARY IMPACT

TBD

MOTION

None – information only.

ATTACHMENT

Lighting Energy Audit Summary
HVAC Energy Audit Summary

BP&R Facilities HVAC Energy Audit Summary Sheet

Facility	Type of HVAC	Installation Cost	Potential Net	Annual Energy Savings	Annual Cost Savings	Energy Trust of Oregon	BETC Tax Credit	Energy Savings	Priority	Annual Savings/
		Contract	Cost To District	kWh		Incentive		Payback (in years)		Payback Ratio
Hollinshead Barn	Split Direct Expansion, 2ea	\$ 12,946.00	\$ 7,797.47	2,154	\$ 150.78	\$ 1,200.00	\$ 3,948.53	52	1	2.90
Aspen Hall	Split Direct Expansion, 2 ea	\$ 11,896.00	\$ 7,217.72	1,886	\$ 132.02	\$ 1,050.00	\$ 3,628.28	54	2	2.44
Shop Complex	Split A/C, Gas, 3ea	\$ 15,644.00	\$ 9,747.58	2,019	\$ 141.33	\$ 1,125.00	\$ 4,771.42	69	3	2.05
Fire Hall	Package Direct Expansion	\$ 11,007.00	\$ 6,899.86	1346	\$ 69.99	\$ 750.00	\$ 3,357.14	99	4	0.71
Harmon Hut/Boathouse	Forced Air Electric									
Juniper Storage	Forced Air Gas									
Juniper Restroom	Forced Air Gas									
Ponderosa Storage	Forced Air Electric									
Big Sky Restroom 1	Electric Wall Heaters									
Big Sky Restroom 2	In-Floor Glycol									
Drake Restroom	Forced Air Electric									
Farewell Restroom	In-Floor Glycol									
River Bend Restroom	Forced Air Electric									
Larkspur Restroom	In-Floor Glycol									
Blakely Restroom	In-Floor Glycol									
Pioneer Restroom	Forced Air Gas									
Skyline Restroom	Forced Air Electric									
								Average Payback		
TOTALS		\$ 51,493.00	\$ 31,662.63	7,405	\$ 494.12	\$ 4,125.00	\$ 15,705.37	68.50		
Note: All figures are estimations.										

**BMPRD Board of Directors
Calendar
2010-11**

**This working calendar of goals/projects is intended as a guide for the board and subject to change.*

February 1

Work Session

- ◆ District water management program
- ◆ Program Guide changes

Business Session

Contract approval: Ponderosa Park Phase I engineering contract

- ◆ Appoint Budget Committee member
- ◆ Land Acquisition Policy
- ◆ Gift Policy

February 15

Work Session

- ◆ Competitive Sports Programs
- ◆ Volunteer Program update
- ◆ Review district Sign Master Plan

March 1 (1 meeting)

- ◆ Annual Work Plan 2011-12 - draft
- ◆ Update 15-year Asset Plan
- ◆ Pricing & Cost Recovery Guide with update on recreation program development process
- ◆ Sustainability Plan
- ◆ Storm Water Plan update
- ◆ Emergency Management Plan
- ◆ Budget Committee training
- ◆ Approve RFP – Recreation Indoor Facility Needs Assessment
- ◆ Adopt district Sign Master Plan

April 5 & 19

- ◆ Budget Committee tour
- ◆ Update – district-wide work order program
- ◆ Update – Recreation partnerships
- ◆ Procurement Policy
- ◆ Review draft Shevlin Park Master Plan
- ◆ Review draft Pacific Park Master Plan

May 3 (1meeting)

- ◆ Budget meetings
- ◆ Adopt 2011-12 SDC Fee Schedule
- ◆ Board elections
- ◆ Review draft Shevlin Park Master Plan
- ◆ Contract award: New Neighborhood Park

- ◆ **June 7 & 21**

- ◆ CAPRA update
- ◆ Adopt 2011-12 Budget
- ◆ Approve Shevlin Park Master Plan?
- ◆ Approve Pacific Park Master Plan?