Addendum to the 2000 Functional Plan for Woods Park

November 2013
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Preface
This document is an addendum to the 2000 Functional Plan for Woods Park; this property is now known as Woods Memorial Natural Area. The addendum supplements, expands, and is complementary to the 2000 plan. This document was developed at the request of the Friends of Woods Park; their involvement was integral to its completion.

The addendum will be used as a reference by the Friends of Woods Park, Portland Parks & Recreation (PP&R), and the community in planning, fundraising, and implementing future improvements in the park and enhancing its habitat and ecological values.
Introduction

The original plan for Woods Park resulted from a streamlined planning process called a Park Functional Plan that is designed to provide basic direction to neighbors, community members, and Portland Parks & Recreation (PP&R) staff in the management of parks that do not have management or master plans.

This type of planning process was developed by PP&R and Southwest Neighborhoods, Inc. (SWNI) and is described in *Planning for Southwest Parks – A Proposed Process for Planning Parks in Southwest Portland using Limited Resources* (July 2000), available from PP&R or SWNI offices.

A Park Functional Plan consists of a vision for the park, an outline of general policy, and park space designations for desired park uses. It specifies appropriate management and ongoing community involvement and takes into account how a park relates to, and is connected to, other parks, trail and bicycle systems, and natural resources.

A Functional Plan for Woods Park was completed in 2000 and addressed many projects for managing ecological health as well as public use and access. Many of the projects from the 2000 plan have been completed or are in process.

The genesis for this addendum stems from two opportunities:

- new land acquisition and the opportunity to connect ecosystem restoration and public access between the existing natural area and the new acquisition; and

- the need to address items not completed from the 2000 plan.

Woods Memorial Natural Area has a highly dedicated, skilled stewardship group that has implemented ecosystem restoration and trail projects throughout the natural area. In early 2012, a small working group from Friends of Woods Park submitted a request to PP&R to develop new plans for increasing access through the newly acquired natural area and enhancing the existing trail system.

Over the next year, PP&R staff met with working group members to generate ideas for the addendum. The work plan included a neighborhood meeting in June 2012. Outreach for the meeting included direct mail as well as direct outreach to the Ash Creek and Crestwood neighborhood associations.

General themes that emerged from the process are:
Introduction

- Woods Memorial Natural Area trails receive significant use from neighbors, both for recreation and transportation through the neighborhood.

- The trail system has been greatly improved since 2000, including riparian fencing and drainage improvements to allow for all-season use.

- Several demand trails still exist and need to be closed or formalized to prevent further riparian degradation.

- There is a need to establish a sustainable trail connection across SW 45th from Ash Creek Neighborhood.

- There is a desire to extend the trail system to improve neighborhood access and connectivity while also protecting wildlife habitat and the watershed.

- Poor water quality is a great concern; the plan should look at opportunities for riparian enhancement and stormwater treatment.
Background

Purpose
The purpose of a Park Functional Plan Addendum is to provide a document that guides the continued development, operations and maintenance, and stewardship of a park. PP&R staff and the Friends of Woods Park will use the plan addendum to select projects for implementation and funding. The Friends of Woods Park can also utilize this document to support donation requests and grant applications.

Description of Woods Memorial Natural Area
Woods Memorial Natural Area has long been a local treasure, a place to observe wildlife and enjoy the forest and stream. This 39.5-acre park is located in southwest Portland north of Taylor’s Ferry Road, east of 48th Avenue, west of SW Capitol Highway, and south of SW Dolph Court. Eight acres of land acquired since 2006 are north and west of SW 45th Avenue. Smaller parcels recently acquired outside of these 39.5 acres are not covered by this functional plan or addendum.

The park is managed for its natural resource functions and to provide the community access to nature. Approximately 98 percent of the landscape is native including Oregon white oaks, Douglas fir, western red cedar, willow species, red and blue elderberry, Oregon grape, trillium, thimbleberry, and native plants. The remainder is non-native trees, shrubs, and vines.

The park is part of the Fanno Creek Watershed, containing the headwaters of Woods Creek. Although most of the park was logged about one hundred years ago, there are still some old trees. Much of the park is steeply sloped. It offers a natural setting that attracts wildlife in the quiet woods, along the creek, and in the meadow.

The following information about the park is summarized from the Fanno and Tryon Creeks Watershed Management Plan 2005, prepared by the City of Portland Bureau of Environmental Services.

Problems for the Woods Creek Watershed include: Riparian habitat and connectivity impacted by development; In-stream riffle habitat lacking; Silt covers substrate; Biological communities are limited in Woods Creek by habitat degradation, including impassable culverts; Salmonids have not been documented; Water quality in Woods Creek is impaired for certain water quality parameters; High silt and sediment loads are transported from upland urban sources to the stream; Channel erosion contributes to high levels of total suspended solids (TSS);
Background

Impervious surfaces contribute to high stormwater runoff volumes and velocities that can cause stream bank instability, undercutting, erosion, sedimentation, and channel incision.

Opportunities include: Upper portions of the creek riparian habitat is very good and tree canopy cover averages 74 percent within 10 meters of the creek; Banks are stable all along the creek, indicating properly functioning conditions; In-stream habitat is good in places; Upper portions of the creek likely contribute woody debris, nutrients, and macroinvertebrates to lower portions of the creek; Remaining natural areas, including riparian habitat, provide habitat for many small and adaptive mammal species, up to 60 species of birds, and a number of amphibian and reptile species; Water quality in Woods Creek is only impaired for some water quality parameters; Seeps and springs provide critical summer flows to streams; Opportunities exist to retrofit the built environment to improve watershed health with detention ponds, roadside ditch enhancements, and ecoroofs; Groups such as SW Neighborhoods, Inc (SWNI), Crestwood Neighborhood Association, Friends of Woods Park, and Portland Parks & Recreation provide collaborative restoration, education, and technical assistance opportunities.

Actions Included: Land Acquisition for Woods Park west extension to protect high resource values; Woods Park stream enhancement via revegetation and restructuring trail system to reduce the in-stream impacts from erosion.

The park is zoned as open space with environmental protection (”P”) or conservation (”C”) zone overlays. Environmental zones and restrictions are described in the Portland City Code 33.430.

The park is used for walking, exercising dogs, picnicking, and observing nature.

History of Woods Memorial Natural Area

Woods Memorial Park was a gift to Multnomah County from the Southwest Hills Kiwanis Club on December 15, 1950. The deed stipulated that the “site was to be…used for park and playground purposes only….” Multnomah County, in turn, transferred ownership of the park to the City of Portland through Board Order #88-115, approved on June 30, 1988. As with the original dedication of land, Multnomah County included in its Bargain and Sale Deed to the city a stipulation to ensure use of the site for park purposes. In the event it is not, title to the property automatically terminates and the park reverts to County ownership.

Since dedication of the property in 1988, a few small parcels of land at the park's periphery have been added to its boundaries. They too were given with the stipulation that if not used for park and recreation purposes, they are to revert to Multnomah County.

At the time the City acquired the property, there were remnants of an old ballfield and backstop, and the foundation of a restroom. The decision was made to remove the backstop and to manage the park as a natural area. The ballfield evolved over time into a meadow and a concrete slab from the original restrooms became a convenient location for picnic tables. SW Woods Parkway has deteriorated over time. While the road seems inconsistent with a natural area park, the public uses it as a convenient, dry, and safe walkway. It is also used for emergency and maintenance vehicle access and for special occasions such as neighborhood picnics, watershed fairs, and the annual SWNI Spring Cleanup.
Background

Following the final 2000 Functional Plan for Woods Memorial Natural Area, neighbors established the Friends of Woods Park in 2002 sponsored by the Crestwood Neighborhood Association. The friends group has an active stewardship agreement with PP&R. The agreement outlines agreed upon park stewardship activities. Over the last decade, the Friends, with support from PP&R staff, have built and improved trails, fenced sensitive areas, removed invasive species, established native plants, installed signs, and educated park users. The partnership between the Friends and PP&R is very successful and the park has improved greatly.

In 2004, the Friends of Woods Park received a grant from the Oregon Watershed Enhancement Board for $9,975 for the Woods Creek Sediment Reduction Project to build trails, bridges, boardwalks, and stairs; protect riparian areas; remove invasive plant species; and to replant with native plants. Using a combination of volunteer work parties, Americorps members, and PP&R staff, the initial trail plan was completed and work was done on replanting critical stream banks. Significant trail improvements including stairs, trail construction, large and small bridges, crib walls, and signage were added as a part of these efforts.

Using funds from the 2006 Metro Greenspaces bond measure, lands were acquired northwest of SW 45th, increasing the habitat connectivity along the stream and creating the opportunity for access from the Ash Creek neighborhood.
Addendum Planning Process

The Working Group used the following process to develop the Functional Plan Addendum that will protect the park’s natural resources and guide additional access. For a detailed description of this process, see Planning for Southwest Parks, Portland Parks & Recreation, July 2000.

Background Information
Prior to the public charrette, the Working Group conducted research and gathered information about the park. They developed a profile of the park by looking at the existing conditions, a site analysis, an overall problem statement, descriptions of current problems, and the park’s constraints, degraded conditions, and problematic uses along with its opportunities.

The Charrette Process
The Working Group then planned a public workshop, called a charrette. This charrette involved the community in understanding past projects, existing conditions, and opportunities for future improvement projects. At the charrette, large maps were presented along with ideas and plans for trails, riparian area protection, and wildlife habitat preservation. Participants were encouraged to present their ideas and provide their input and concerns.

Post-Charrette Process
Following the charrette, the Working Group held several meetings in order to gather and compile public comments from charrette exercises, evaluations, and email; to draft the Functional Plan Addendum; and to summarize the planning process into project recommendations. All public input comments were reviewed and considered.

Approval
Following the draft review process, the Functional Plan Addendum will be approved by the Portland Parks & Recreation Planning and City Nature departments.
Retained from the 2000 Functional Plan

The following policy and vision were established during the 1999-2000 planning process. They have been included in this addendum.

**Overall Policy Statement**
Woods Memorial Park [Natural Area] is a neighborhood natural area park, valuable for passive recreation and for the open space, native plant and wildlife, and creek resources it provides.

**Future Vision for Woods Memorial Natural Area**
Despite its fairly large size, Woods Memorial Natural Area is viewed mainly as a park that serves the surrounding neighborhood, rather than the region. The community’s main priorities for the park are to preserve its open spaces and natural resources in a manner that makes them safe and accessible. The community views the park as a great asset for educational and stewardship activities.

This vision of a neighborhood park influences the kind of facilities that are appropriate for the park. Key priorities for improvement include better gates, trails, signs, and lighting.

The following states the community’s priorities as a vision statement:

Woods Memorial Park [Natural Area] is a neighborhood asset that provides a safe and quiet respite from urban pressures characterized by:

- Forests with mature trees, native vegetation and wildlife, creeks, and a quiet open meadow habitat that is ideal for nature appreciation, informal recreation, and picnicking.

- An accessible, well-maintained, well-mapped, well-drained, and well-engineered pedestrian trail system for hiking, jogging, walking a dog on leash, enjoying flora and fauna, and quiet reflection.

- Connections to other neighborhoods and green spaces in the regional PP&R trail system.

- Excellent signage at lighted entrances and throughout the park, designed to invite visitors to enjoy the park in a responsible manner, to take advantage of the trail system to explore the park, and to connect to regional trails and greenspaces.

- Many educational and stewardship opportunities.
Retained from the 2000 Functional Plan

Uses Not Intended
The community vision for Woods Memorial Natural Area does not include significant active recreational facilities or attractions that would conflict with the preservation of the natural resources or its status as a neighborhood park.

Amenities such as tennis courts and soccer or baseball facilities are not appropriate. Neither are irrigated lawns or formal landscaping. Motorized vehicles and bicycles are appropriate only in paved areas of the park. Dog off-leash areas are not appropriate here.

Photo by Susan Caricaburu
The overarching opportunities for Woods Memorial Natural Area are ones of connection, continuity, and habitat enhancement. Specific opportunities within the park include:

**Habitat Enhancement – Uplands and Riparian**

- The riparian area in the park has been much improved since 2000. Developed trails and fences replace poorly established demand trails and a trampled riparian zone. Additional work needs to be done to continue fencing, plant native species, and remove invasive plants. In some locations tree canopy needs to be reestablished where trees are not regenerating.
- Enhance the wet meadow area by removing invasive species, planting native trees and shrubs, and, where appropriate, installing split rail fencing.
- Work with PP&R to designate wildlife/habitat areas where the only access will be for restoration or education purposes. Additional community engagement needed.
- Complete a wetland determination/delineation study for the park.
- Depave a portion of SW Woods Parkway to the width of pavement needed for emergency access and maintenance vehicles.

**Trail and Access Improvements**

- Construct a trail from SW Marigold to SW 48th with pedestrian crossing at SW 45th Avenue: A demand trail currently exists on the northwest side of SW 45th. A sustainable grade trail (Trail Type B – Hiking, moderate challenge) should be established to meet Cedar Trail (across SW 45th) that provides safe access for pedestrians and optimizes sightline distances from the road and trail. Consider optional improvement to Cedar Trail to widen the trail to 24-30 inches. Work with the Portland Bureau of Transportation (PBOT) to site and install the pedestrian crossing. Additional community engagement needed.
- Reroute the trail from Stairway and Zig Zag Trails east to connect with the Cedar Trail, construct a new bridge over the creek, and add a viewing area adjacent to the creek. Close the Stairway Trail and remove the Low Bridge east of the intersection. Actions include construction of a new trail (Trail Type B – Hiking, moderate challenge), bridge, and viewing area with a bench; fencing the creek; and removing the stairs, Low Bridge, and Stairway Trail. Additional community engagement needed.
Priority Actions

- Reroute and improve the existing Plum Trail (Type B – Hiking, moderate challenge). Work with PP&R to realign and improve.

Enforcement

- Work with PP&R City Nature and Portland Police Bureau to stop and prevent illegal park activities including yard debris dumping, unpermitted alcohol use and camping, and dogs off leash.
- Resolve encroachment issues.

Education, Stewardship, and Wayfinding

- Develop an outreach and education campaign with local neighborhood organizations to educate users about habitats, keeping their dogs on leash, accessing the park at trailheads, and staying on trails.
- Improve wayfinding throughout the park by formalizing trail names and installing trail posts with maps at key intersections. These should include mileage and directions to destinations and streets.
- Develop key messages for environmental interpretation following PP&R’s Interpretation Strategy: Media Format (January 2012). Key messages include stream restoration, wildlife found in the park, and/or the variety of habitats and their functions. Possible sign locations are at the cedar grove and the wet meadow.

Opportunities Outside Park Boundaries to Enhance Access

- Work with Bureau of Environmental Services (BES), PBOT, and private landowners to improve park access and construct a short segment of trail off of SW 45th just north of SW Brugger. Additional community engagement needed.
- Work with BES and possibly Oregon Department of Transportation (ODOT) to address the untreated stormwater from SW Taylors Ferry Road and Barbur Boulevard.
- Outreach to adjacent park neighbors to remove invasive species on their property.
Project Priorities & Cost Estimates

1. Construct a trail from SW Marigold to SW 48th with pedestrian crossing at SW 45th Avenue: A sustainable grade trail (Trail Type B – Hiking, moderate challenge) to meet Cedar Trail (across SW 45th) that provides safe access for pedestrians and optimizes sightline distances from the road and trail. Consider optional improvement to Cedar Trail to widen the trail to 24-30 inches. Work with the Portland Bureau of Transportation (PBOT) to site and install the pedestrian crossing. Additional community engagement needed.

- Approximately 800 linear feet of new trail on a hillside; need to lay out trail alignment.
- Tree removal and pruning are required.
- Improvements to Cedar Trail could possibly be completed by volunteers.
- Public involvement required.

Cost Estimate: $27,000

2. Reroute trail to the east from the intersection of Stairway and Zig Zag Trails to connect with the Cedar Trail, construct a new bridge, and add a viewing area adjacent to the creek; design and construct a new trail (Trail Type B – Hiking, moderate challenge) from the intersection of Stairway Trail and Zig Zag Trail to Cedar Trail. This requires a new bridge over Woods Creek, viewing area with a bench, and fencing along the creek. Also included is closing the Stairway Trail east from the intersection of Zig Zag Trail, removing Low Bridge, and revegetation. Additional community engagement will be required.

- Design and construct approximately 600 linear feet of new trail on a hillside.
- Design and construct a new bridge over Woods Creek, approximately 20-30 feet long with railings and footings.
- Add a bench and interpretive sign.
- Install 1,200 linear feet of split rail fence.
- Remove approximately 300 feet of trail, stairs, and Low Bridge; close trail by planting.
- Tree removal and pruning.
- Bureau of Development Services (BDS) permit required.
Project Priorities & Cost Estimates

- Public involvement required.

Cost Estimate: $192,000

3. Habitat Improvements: Additional work needs to be done to continue fencing, planting native species, and removing invasive plants. In some locations tree canopy needs to be reestablished where trees are not regenerating. Enhance the wet meadow area by removing invasive species, planting native trees and shrubs, and, where appropriate, installing a split rail fence.

- Additional 200 feet of split rail fence.
- Additional upland habitat restoration, including tree and shrub planting.
- Wet meadow restoration, invasive removal, and planting.

Cost Estimate: $75,000

4. Improve wayfinding throughout the park: formalize trail names and install trail posts with maps at key intersections. These should include mileage and directions to destinations and streets.

- Design and construct up to ten wayfinding maps.
- Manufacture and install up to ten posts with maps and trail names.
- Public involvement to formalize trail names.

Cost Estimate: $17,000
Implementation & Agreements

The Park Functional Plan Addendum will guide future park projects. Coupled with effective community involvement which will be outlined in a Stewardship Agreement, the addendum will enhance the ecology and access to the park. This will provide clear, well-publicized management arrangements to:

• Ensure protection of natural resources.
• Maintain the park in a manner consistent with the policy and vision documented in the Functional Plan.
• Prevent conflicts between and among uses and various stewardship efforts.
• Provide excellent educational opportunities.
• Promote productive, rewarding stewardship activities.

Because of the community interest in helping to maintain Woods Memorial Natural Area, a Stewardship Agreement will continue to be developed every two years to coordinate community and PP&R efforts to develop and maintain the park.
**Plum Trail Improvements**

- Proposed crosswalk
- New Marigold Trail alignment TBD.
- New Cedar Grove Trail with bridge across stream. Alignment TBD
- Fence to protect riparian zone
- Native vegetation planting & maintenance
- Wet meadow enhancement

**Wet meadow enhancement**

**Close trail upon completion of New Cedar Grove Trail.**

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APPENDIX A: Summary of the Planning Process

Friends of Woods Park
Friends of Woods Park met monthly with Portland Parks & Recreation staff (City Nature West Natural Area Supervisor) to analyze existing conditions and articulate concepts and project ideas for continuing park stewardship. Representatives from the neighborhood assisted with outreach to neighbors and interested groups.

Neighbors met with PP&R and PBOT to analyze the potential Cedar Trail crossing at SW 45th Avenue. PBOT field engineers determined that this was a safe location for a crossing, but that no other crossing locations were appropriate.

General Comments from the Public Charrette
Participants visited “stations” with maps for Ecosystem Health, Trails, and Plan Concept. A summary of public comments is listed below:

• Park has improved significantly in the last decade
• Keep open the area along the creek below Cedar Trail (Area 51) – it is a nice gathering location
• Keep some areas free of trails for wildlife use – especially along the creek and in newly acquired areas
• Would like to see trail from SW 45th to SW Lobelia Street
• Consider a trailhead at SW 49th and SW Dolph Court
• Need better wayfinding signs in park interior
• Consider a loop connecting south end of Alice Trail, other side of creek, and to SW Woods Parkway
• Consider a trail that parallels SW 45th Avenue, connecting Cedar Trail to SW Woods Parkway
• Avoid too many trails, especially in the new acquisition
• Look for connections to park from SW 47th Avenue (north and south ends of park)
• Finish security projects (street lighting and gate moving) from 2000 plan
• Regravel potholes on SW Woods Parkway, especially at entrance from SW 48th Avenue; park users create wear and tear on the road, creating potholes for residents

Draft Functional Plan Comment Period
There will be a comment period during which time the Draft Functional Plan will be reviewed by designated City bureaus and offices, Metro, community groups, nonprofits, and other interested parties. Following the comment period, the PP&R Working Group will revise the document.

Implementation of Plan – Plan Approval Process
The following is a draft outline of an approval process:

1. Approval by Portland Parks & Recreation.
2. Share with Friends of Woods Park and other interested parties.
APPENDIX B: Stewardship Agreements

Purpose of Stewardship Agreement
A Stewardship Agreement is used to implement the goals, priorities, and projects of the Functional Plan. It spells out the agreed upon roles and responsibilities of participants and ensures that there is good ongoing communication among the parties to the agreement.

Elements of the agreement will follow the Park Functional Plan which provides the general guidelines for management and procedures to be used to develop the park.

Participants in the Stewardship Agreement
- Portland Parks & Recreation staff responsible for maintenance, volunteer coordination, and security (Note: PP&R is ultimately responsible for all activities in the park)
- Friends Group (if there is one)
- Neighborhood association (if they want a role in stewardship)
- Watershed Council (if applicable)
- Representative of neighbors immediately adjacent to park (if they want a role in stewardship)
- Active organized user groups who use the park regularly for educational or project purposes
- Other bureaus (if Functional Plan implementation involves integration of their work; e.g., Bureau of Environmental Services for stormwater management or Portland Bureau of Transportation for connecting trails)
- Community or School Police liaison (if security issues are part of Stewardship Agreement)

Elements of the Stewardship Agreement
This varies according to the specific Park Functional Plan and the skills, resources, and needs of the community partners in the agreement. The agreement may be very basic or more complex depending on the amount of public involvement in ongoing park maintenance, development, and programs.

The agreement will spell out:
- The specific duties of each party (e.g., activities, supply of materials, numbers of work parties to be conducted)
- General work schedule
- Contact person
- Procedures for coordinating with other ongoing projects and activities in the park
- Periodic meetings to review activities (if needed)
- Term of the agreement or conditions requiring annual review or renewal

The agreement may also specify additional conditions such as:
- Required training of participants
• Standards to be applied (such as surface composition or design for trails)
• Responsibility for supervision of minors
• Signing of insurance information forms
• Reporting hours worked

Types of Activities
The types of activities that could be covered in simple or complex types of agreements are listed below:

Activities in Simple Agreements
• Litter control
• Clearing of hard surfaces in park
• Communicating with park staff and or police regarding hazards

Activities in Complex Agreements
• Community security patrols
• Stream restoration projects
• Non-native plant removal
• Graffiti removal
• Trail building/maintenance
• Care for landscaped areas
• Developing interpretative materials

Coordinating Activities
A key element of the park Stewardship Agreement is to define the responsible parties to carry out the specific activities, to develop guidelines to coordinate the multiple ongoing projects, and to avoid conflicting activities.

The specifics of coordination will vary according to the complexity of the Functional Plan and the number of stakeholders involved in the agreement. A single contact in PP&R will be the primary contact for initiating new projects and scheduling ongoing activities; a community contact person will be designated for the various stewardship activities in the park.
APPENDIX C: Vegetation Inventory 2004/05

Portland Parks & Recreation conducted vegetation surveys which included uplands and riparian areas for Woods Memorial Natural Area. Of the 18 units surveyed, 15 are included in this functional plan update (units 3-6, 9-12, and 14-20). Of those 15 units:

- Two were listed as “Severely Degraded,” nine ranked as “Poor,” and four ranked as “Fair.”
- All units noted management concerns of invasive plant species.
- Other management concerns included stream erosion, domestic animals, yard debris dumping, litter, large refuse, utilities, informal trail, hard infrastructure, private property encroachments, soil compaction, and trampling.
APPENDIX D: Riparian Assessment 2006/07

Portland Parks & Recreation conducted a habitat assessment of the riparian area of Woods Park that included a condition assessment of Woods Creek providing a score using the EPA Rapid Assessment protocol and riparian vegetation. Of the seven units assessed, six are included in this Functional Plan Update. Of those six units:

- For vegetation, four units ranks ranked “Poor” and two units ranked “Severely Degraded.”
- For in-stream parameters, three units ranked “Fair” and three units ranked “Poor.”
- All units were noted as management concerns for invasive plant species and stream bank erosion.
- Other management issues noted included trampling, soil compaction, informal trails, domestic animals, litter, large refuse, and yard debris dumping.

Riparian Habitat Survey: Vermont and Woods Creeks
### Woods Park Functional Plan Addendum

#### Appendix E – Project List 11/7/13

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>EXPERIENCE/FUNCTION</th>
<th>ACTIONS</th>
<th>PI NEEDED (Y/N)</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Habitat Enhancement – upland, riparian, wet meadow</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upland Habitat Enhancement</td>
<td>Increase function</td>
<td>Remove weeds/plant natives.</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Designated Wildlife/Habitat Areas</td>
<td>Wildlife protection</td>
<td>Identify areas where no trails or access will be allowed.</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Wet Meadow Enhancement</td>
<td>Enhance function</td>
<td>Remove invasives, fence, and explore possibility for interpretative signage.</td>
<td>N</td>
<td>Former baseball field that now is a wet meadow. City Nature staff or contractor will remove the blackberries and work with volunteers to plant trees/shrubs and add fence on one side. Friends of Woods Park will maintain.</td>
</tr>
<tr>
<td>Depave a portion of SW Woods Parkway to the width of pavement needed for emergency access and maintenance vehicles</td>
<td>Increase habitat</td>
<td>Pull out pavement and replant.</td>
<td>N</td>
<td>Work with PP&amp;R Zone and City Nature staff, Depave, and volunteers to remove roadway and replant with native vegetation.</td>
</tr>
<tr>
<td>Complete a wetland determination/delineation study</td>
<td>More certainty for restoration and permitting; identify opportunities for wetland restoration</td>
<td>Hire a consultant to complete the study.</td>
<td>N</td>
<td>Need to seek funding for wetland study.</td>
</tr>
<tr>
<td>Trail and Access Improvements</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construct a trail from SW Marigold to SW 48th with a pedestrian crossing at SW 45th</td>
<td>Improve neighborhood access and increase safety</td>
<td>Layout alignment; trail construction (Type B PP&amp;R Guidelines); work with PBOT to place ped crossing signs on the road.</td>
<td>Y</td>
<td>PBOT identified the mapped location as the ideal crossing for sightlines and safety.</td>
</tr>
<tr>
<td>Trail reroute from the intersection of Stairway and Zig Zag Trails east to Cedar Trail, new bridge, and add a viewing area with bench; remove Stairway Trail east of the intersection and Low Bridge; restore with native vegetation</td>
<td>Reduce cedar grove and stream impacts</td>
<td>Design and build a new trail (Trail Type B), bridge, fencing, and bench. Decommission the stairs and low bridge and replant.</td>
<td>Y</td>
<td>This is a capital project. Bridge needed (above 30 inches from OHW for stream); bench under the western red cedars for reflection and viewing area; fencing to protect habitat and stream; perhaps interpretive signage. Need to determine length of trail. If no longer than 5,000 feet then meets the standards for Public Recreational Facilities. Need Environmental Review for the bridge. Remove existing trail and bridge to maintain trail density in this area.</td>
</tr>
<tr>
<td>Zig Zag Trail Extension</td>
<td>Neighborhood access</td>
<td>Trail construction – Type A or B</td>
<td>Y</td>
<td>Low priority – more evaluation needed. Is there a possibility to bring people from this area to the Plum Trail access? Proposed trail is in a steep area and would fragment habitat. Trail alignment laid out by J. Hough. Doug Fir habitat with an understory of ivy and blackberry.</td>
</tr>
<tr>
<td>Marigold at SW 48th to Cedar Trail</td>
<td>Trail connection</td>
<td>Trail construction – Type B</td>
<td>Y</td>
<td>Trail from Marigold at SW 48th to Cedar Trail through recent acquisition is a priority. Need to have the trail alignment determined by PP&amp;R or a consultant. Improvement on Cedar Trail to increase function.</td>
</tr>
<tr>
<td>Plum Trail Improvements</td>
<td>Improve existing trail</td>
<td>Trail Construction – Type B</td>
<td>N</td>
<td>Reroute and improve existing trail.</td>
</tr>
<tr>
<td>Enforcement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dogs off-leash</td>
<td>Enforcement/Education</td>
<td>Add/Increase Ranger patrols to enforce dog on-leash laws.</td>
<td>N</td>
<td>Enforce dog on-leash rules; Ranger patrols</td>
</tr>
<tr>
<td>Other illegal activities</td>
<td>Enforcement/Education</td>
<td>Stop illegal dumping, unpermitted alcohol use, and camping.</td>
<td>N</td>
<td>PP&amp;R will work with neighborhood police to watch this area. Post ‘no dumping’ signs.</td>
</tr>
<tr>
<td>Education, Stewardship, Wayfinding</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Develop an outreach and education plan</td>
<td>Education/neighborhood outreach</td>
<td>Education about habitat, dogs on-leash, park access, staying on trails.</td>
<td>N</td>
<td>Need resources to develop plan and messages; locate one area for Environmental Interpretation sign in the park; possible messages include: 1. Variety of habitats; 2. Stream restoration; 3. Wildlife</td>
</tr>
<tr>
<td>Formalize trail names/wayfinding signs</td>
<td>Access</td>
<td>Design wayfinding signs; install trail posts at key intersections.</td>
<td>Y</td>
<td>Develop a plan; include mileage on posts, maps to destinations and streets.</td>
</tr>
<tr>
<td>PROJECT</td>
<td>EXPERIENCE/FUNCTION</td>
<td>ACTIONS</td>
<td>PI NEEDED (YN)</td>
<td>NOTES</td>
</tr>
<tr>
<td>---------</td>
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</tr>
<tr>
<td><strong>Opportunities Adjacent to the Park</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improve park access off SW 45th where it intersects with SW 48th on the SW corner of the park; include a small segment of trail</td>
<td>Safety; improve park access</td>
<td>Work with BES to fill ditch/place small culvert; build trail for access.</td>
<td>Y</td>
<td>Outside the park boundaries. Need to work with BES/PBOT/private landowners to implement. People can drive and walk to gate from this area.</td>
</tr>
<tr>
<td>Address untreated stormwater at SW Taylors Ferry &amp; Barbur Blvd</td>
<td>Improve water quality</td>
<td></td>
<td>N</td>
<td>Need to check the BES sub-basin plan for the proposed actions to treat stormwater in this area. Check ownership – ODOT?</td>
</tr>
<tr>
<td>Outreach to neighbors adjacent to the park to remove invasive species</td>
<td>Habitat enhancement</td>
<td>Work with neighbors and West Multnomah Soil &amp; Water Conservation District (WMSWCD) to remove invasive species.</td>
<td>N</td>
<td>Contact WMSWCD and Backyard Habitats Certification Program/Columbia Land Trust and Audubon Society of Portland</td>
</tr>
<tr>
<td><strong>Not Carried Forward at This Time</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Upland Trail from SW Dolph to SW 48th</td>
<td>Trail connection</td>
<td>Trail Construction – Type B</td>
<td>Y</td>
<td>PP&amp;R does not support construction of this trail; fragments habitat. There is safe access to the park off SW 50th.</td>
</tr>
<tr>
<td>Extension of the Zig Zag Trail from SW 47th</td>
<td>Additional trail</td>
<td></td>
<td>Y</td>
<td>Fragments habitat; can access trail from SW Wood Parkway</td>
</tr>
</tbody>
</table>