

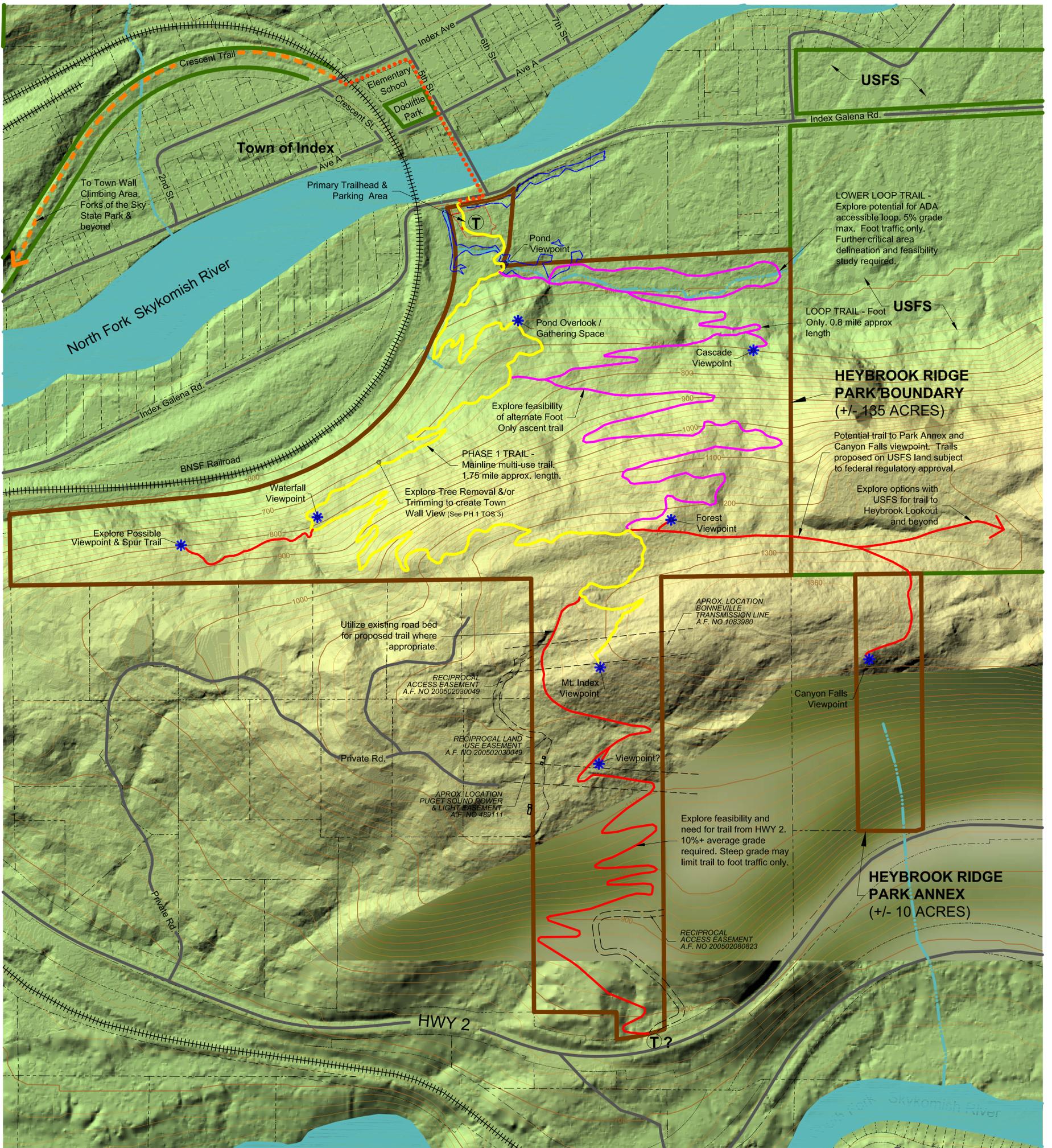
Heybrook Ridge County Park

Recreation Management Plan

DRAFT



Snohomish County Parks and Recreation
www.snocoparks.org



Management Guidelines and Notes:

- All trails shall be constructed and maintained in accordance with current editions of the Forest Service Standard Specifications for Construction and Maintenance of Trails, the Forest Service Trail Construction and Maintenance Notebook and the following specifications:
 - Trees shall only be removed upon approval and tagging by the Parks Arborist and/or Project Manager.
 - Provide grade reversals every 20 to 50 feet (approx.).
 - Trails shall be built using full-bench construction. If necessary, partial-bench construction may be used upon approval by the Project Manager.
 - Trail tread shall be constructed from site mineral soil and/or rock. Imported materials may be used upon approval by the Project Manager. All finished trail tread surfaces shall be free draining without low spots where water might collect.
 - Construct passing turnouts on all multi-use trails at approximately 1000 foot intervals.
 - Trails shall be constructed using the following design parameters¹:

DESIGN VARIABLE ¹		MULTI-USE TRAIL HIKE - BIKE - PACK & SADDLE	FOOT ONLY TRAIL
DESIGN TREAD WIDTH	Single Lane Trailbed	30" - 36" Typical. 36"-48" At steep side slopes. May be reduced to 18" at obstructions	12" - 24" (May be 36"- 48" at steep side slopes)
	Turnouts	60" - 84"	36" - 48" (If required)
	Structures	Other than bridges: 36" Min.	18" Min.
DESIGN SURFACE	Native with onsite borrow or imported material where needed.	May be intermittently rough with Obstacles up to 8" ht.	May be continuously rough. Obstacles up to 14" ht.
	DESIGN GRADE	Target Average: Min. - Max. Short Pitch Max. Grade	3% - 12% 15%
DESIGN CROSS SLOPE	Max. Pitch Density	10 - 20% of trail	10 - 20% of trail
	Target Cross Slope	5%	5%
DESIGN CLEARING	Min. - Max. Cross Slope	3% - 8%	3% - 15%
	Height	10'	7' - 8'
DESIGN CLEARING	Width	2'-3' Beyond Tread @ 30° ht	2' - 5'

¹ Deviations from the design parameters may be approved by the project manager if necessary to work around existing site features.

² Foot trail maximum grade may be steeper with steps or hardened surfaces.

* Design Parameters adapted from United States Forest Service National Design Parameters

- The Recreation Management Plan is intended serve as a guide for adaptive management of trails and other passive recreation elements within the Park. As new information becomes available the plan may be modified. Modifications may be made to avoid ecologically sensitive areas, erosion prone slopes, user conflicts and/or other unforeseen site conditions. Modifications and/or additions may also occur to enhance the park recreational experience. Significant vegetation and/or habitat management activities must be planned and approved by the Parks Project Manager prior to implementation
- All proposed trail alignments are approximate. Final alignments to be determined in the field and approved by the Parks Project Manager prior to construction.
- All imported construction materials shall be approved in writing by the Project Manager prior to delivery. To prevent the introduction of noxious weeds, soil should only be imported using extreme caution. Soil from the project staging area should not be moved due to the presence of noxious weeds.
- For trails are open to bike use, provide speed control elements and trim vegetation to improve sight distance at intersections and switchbacks.
- All signage and other site alterations must be approved by Project Manager prior to installation.
- The need for parking improvements at the north trailhead will be evaluated after completion of initial trail construction
- With conservation as the primary goal for this site, the County must ensure wildlife protection and habitat preservation. If problems arise associated with pets and/or pack animals, the Parks Department reserves the right to limit or restrict animals in the park.
- Trails designated as multi-use will be open to all non-motorized use, however if user conflicts, trail degradation or other unforeseen conditions arise, the Parks Department reserves the right to impose future use restrictions.
- Trails to and from private property are prohibited. Any existing trails leading to private property shall be maintained in a closed condition.
- A complete wetland delineation has not been performed on this site. Wetland information shown is a composite of County GIS information, partial delineation and field observations. Additional unmapped wetlands exist.



CONTOUR INTERVAL = 20'



Existing conditions information for this plan was derived from Snohomish County GIS data, 2012 aerial photo, critical areas study, partial boundary survey and GPS data collected by the Parks & Recreation Department. All existing and proposed features are approximate.

LEGEND

- County Park Boundary
- Boundary Other Public Lands
- Parcel Boundary
- Wetland
- Stream / Watercourse
- Proposed Phase 1 Trail - Built to Multi-Use Design Parameters
- Proposed Trail (Future Phase) - Explore Multi-Use Feasibility
- Proposed Trail (Future Phase) - Foot Traffic Only
- Potential Regional Trail Link. - Route & Feasibility T.B.D.
- Existing Trail Corridor
- * Viewpoints
- T Trailhead Locations
- Nurse Log Unique Site Features

REVISION	DATE	BY
DRAFT - Public Review	11-24-14	CEM
Initial Release	2-1-15	CEM
Revised	10-29-15	CEM