Department of Landscape Architecture - Fall 2014

Eastside Connection Trail Planning

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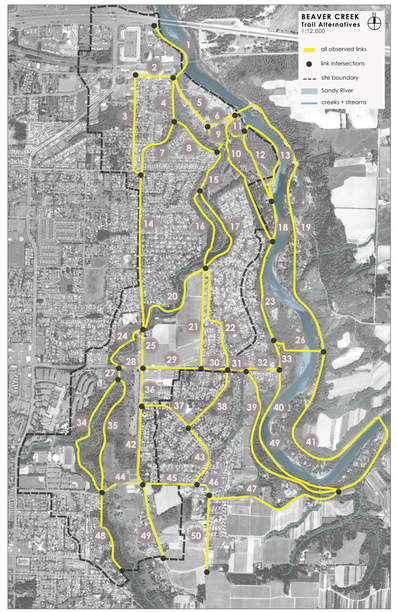
University of Oregon · Beaver State Troutdale · Multnomah County · City of Gresham · Metro · SCI

BEAVER CREEK TRAIL

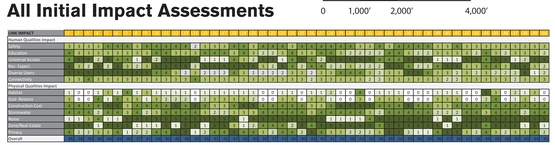
Proposed Trail Alternatives

Sustainable Cities Initiative
University of Oregon

All Links Trail Map



All Initial Impact Assessments



Very Good | Good | Fair | Poor | Very Poor | Applicable
4 | 3 | 2 | 1 | 0 | 0/0 = 0

Goals and Objectives

1. Create an Inclusive Trail Design
- a. Make wayfinding and access accessible to all user types.
- b. Brand trails with a distinctive identity.
- c. Keep grades at or below 5%.
- d. Link trails to public transit and neighborhood nodes.

2. Safety
- a. Provide adequate lighting throughout the trail.
- b. Trail width accommodating all user types.
- c. Design open spaces to discourage camping.
- d. Add pathway reflectors and similar features.

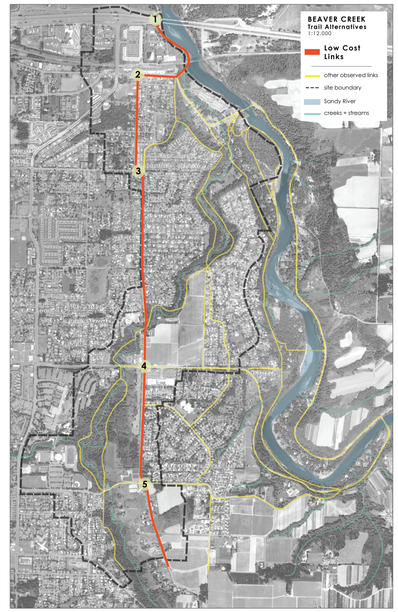
3. Create a Community Asset
- a. Provide opportunities for diverse events to take place all year around.
- b. Embrace the historic characteristics that help to define the community along the trail.
- c. Coordinate with landowners to manage habitat and watershed?
- d. Provide standard facilities for users.

4. Enhance Natural Habitat
- a. Engage with natural resource consultants.
- b. Avoid impacting waterways specifically.
- c. Actively restore environmentally degraded areas.
- d. Avoid fragmenting habitats.

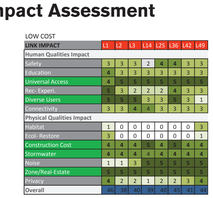
5. Minimize Environmental Impacts
- a. Restrict access beyond approved trails.
- b. Be conscientious of material choices and how they may leach into the landscape.
- c. Design for wildlife corridors and greenways.
- d. Stabilize banks to minimize erosion.

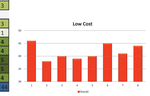
6. Secure Dependable Financial Support
- a. Use public and private money where appropriate.
- b. Fund maintenance programs for trails.
- c. Study cost-effective building techniques.
- d. Fund aesthetics as well as functionality.

Low Cost Trail Map



Initial Impact Assessment

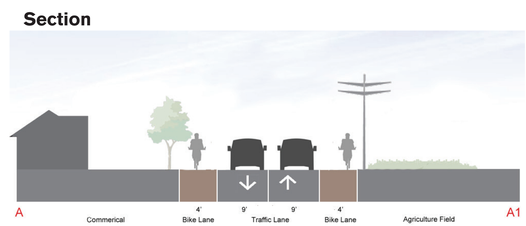




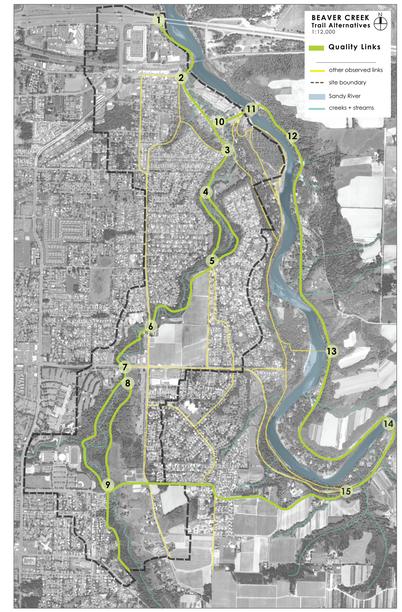
Opportunity and Constraints

(1) Railroad crossing
(2) Historic district
(3) Major intersection
(4) Major intersection
(5) Major intersection

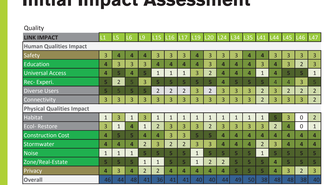
Section



Quality Trail Map



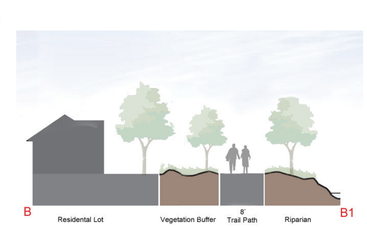
Initial Impact Assessment



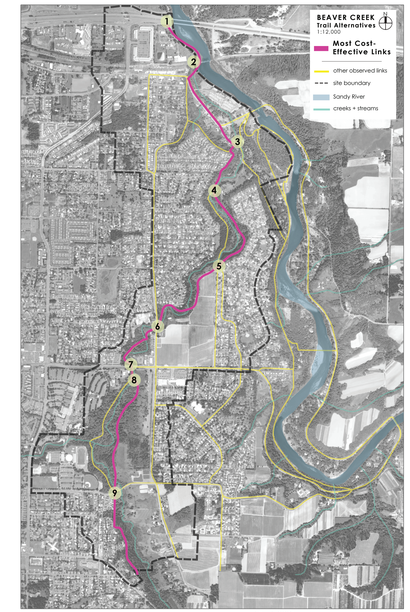
Opportunity and Constraints

(1) Railroad crossing
(2) Historic district
(3) Enters undeveled riparian area
(4) Creek crossing
(5) Creek crossing
(6) Creek crossing & Rd. crossing
(7) Major intersection
(8) Creek crossing
(9) Creek crossing
(10) Good bike shoulder to use
(11) Narrow bike lane on bridge
(12) High quality road shoulder
(13) Beach access
(14) Historic bridge
(15) Transition to rural rd.

Section



Most Cost-Effective Trail Map



Initial Impact Assessment

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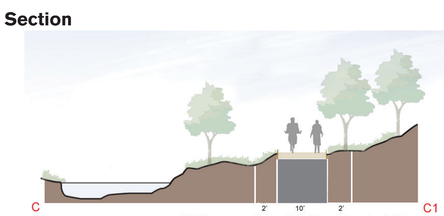
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