

PEDESTRIAN BRIDGE

MATERIALS

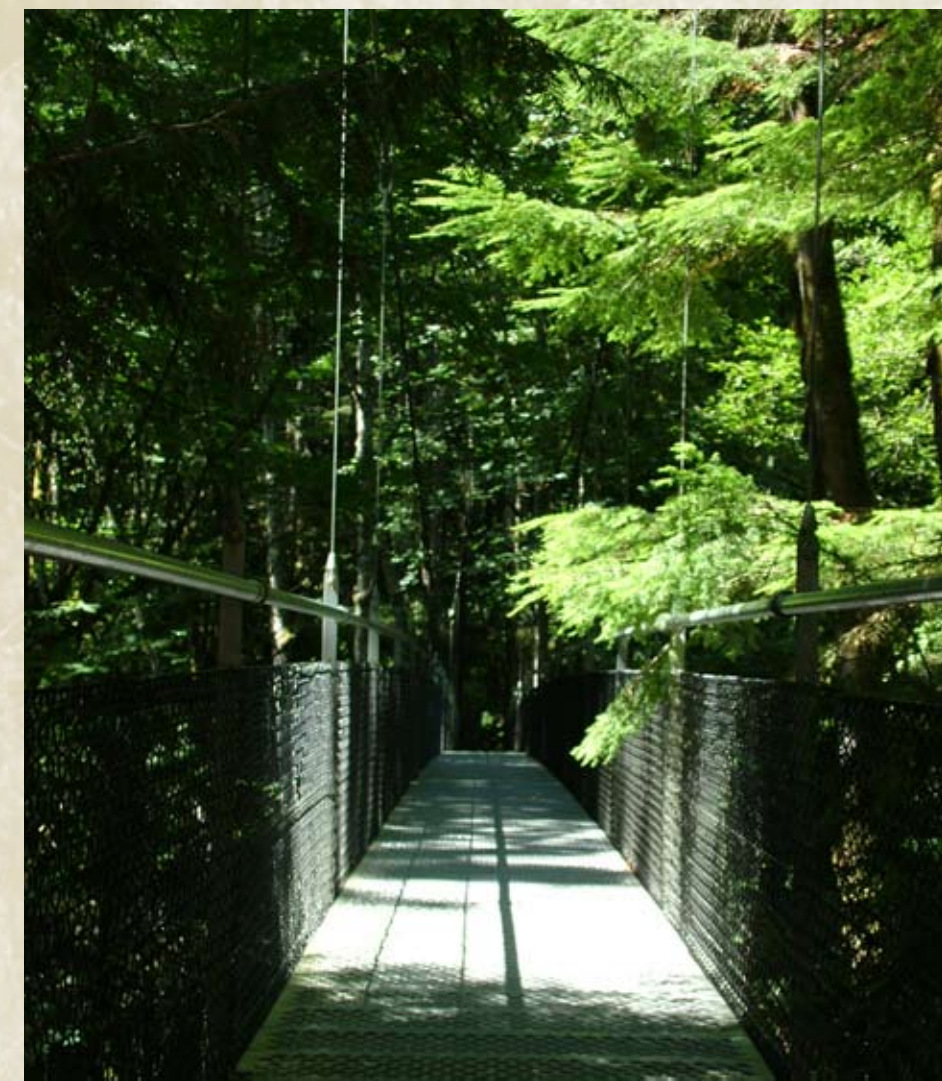
Overall



Approach



Approach



In the canopy

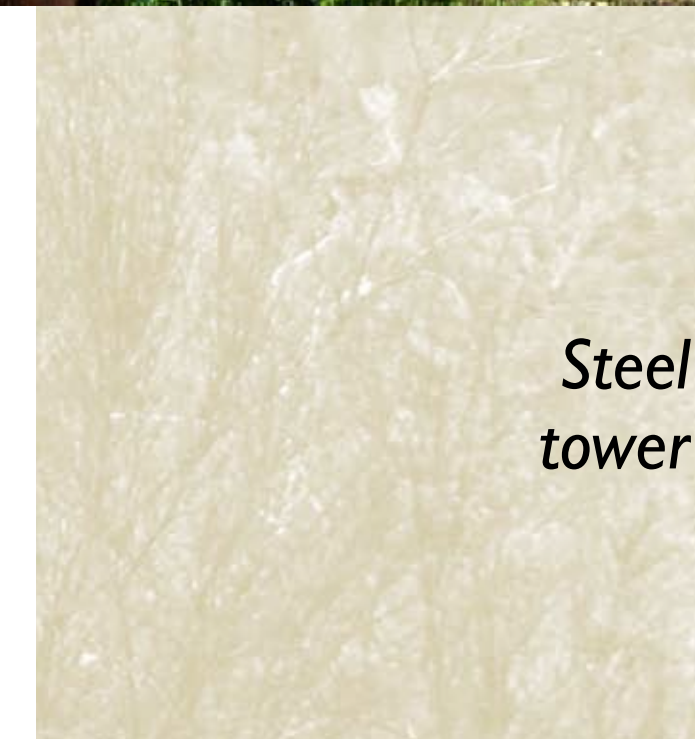


In the forest

Tower



Steel tower with sign



Steel tower



Decking

Concrete foundation



Pultruded fiberglass grating



Concrete foundation and deck connection



Cables



Anchors



Cable attachment

Rails



Chain link fabric and cable rail



Chain link fabric and cable rail



Rail and tower connection

DESIGN CONSIDERATIONS

- Bridge landings:
 - Keep bridge landings as far away from stream cut as possible.
 - Preferred locations were identified as a span between the old growth Douglas Fir on the north side of the creek and a large Western Red Cedar on the south side of the creek.
 - The Western Red Cedar would need to be removed.
- Make the bridge and the trail approach from the north ADA accessible.
- Bridge type selection criteria:
 - Safety is the number one consideration - stability for users
 - Construction cost
 - Constructability - impact to site, especially old growth trees

BOEING CREEK PARK IMPROVEMENTS - COMMUNITY MEETING

AUGUST 9, 2007

30206



1218 Third Avenue, Suite 300, Seattle, Washington 98101 Phone (206) 224-7221 Fax (206) 224-9230 www.otak.com

