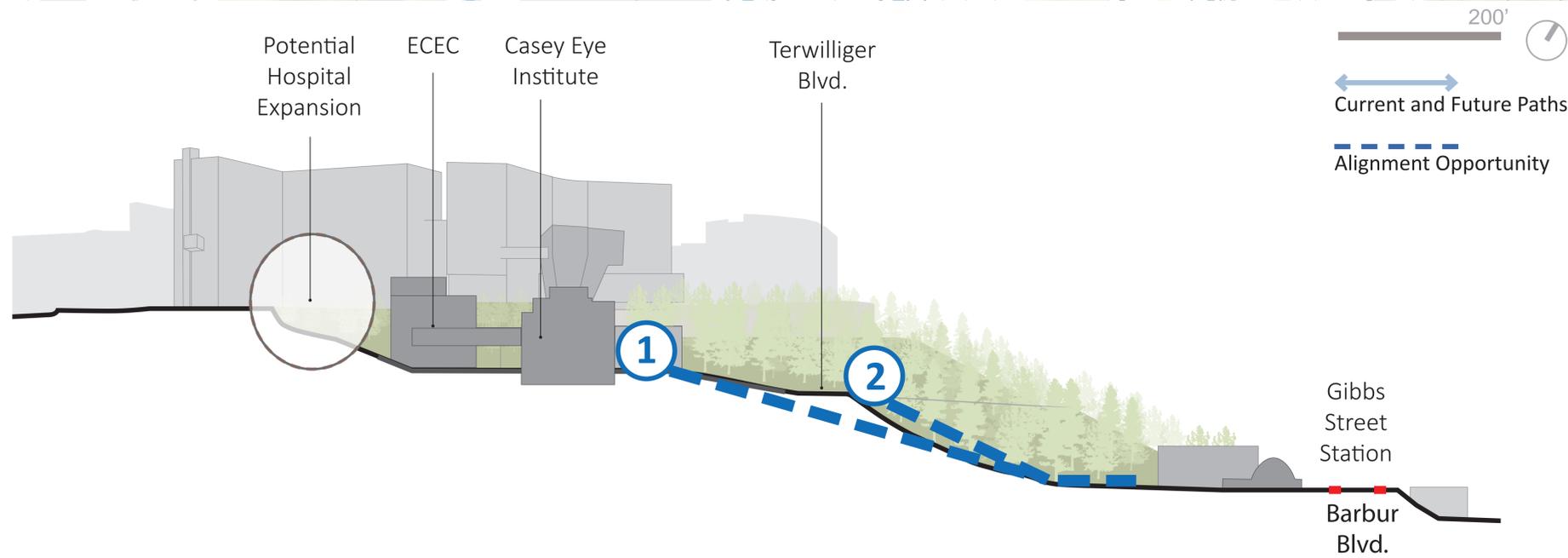
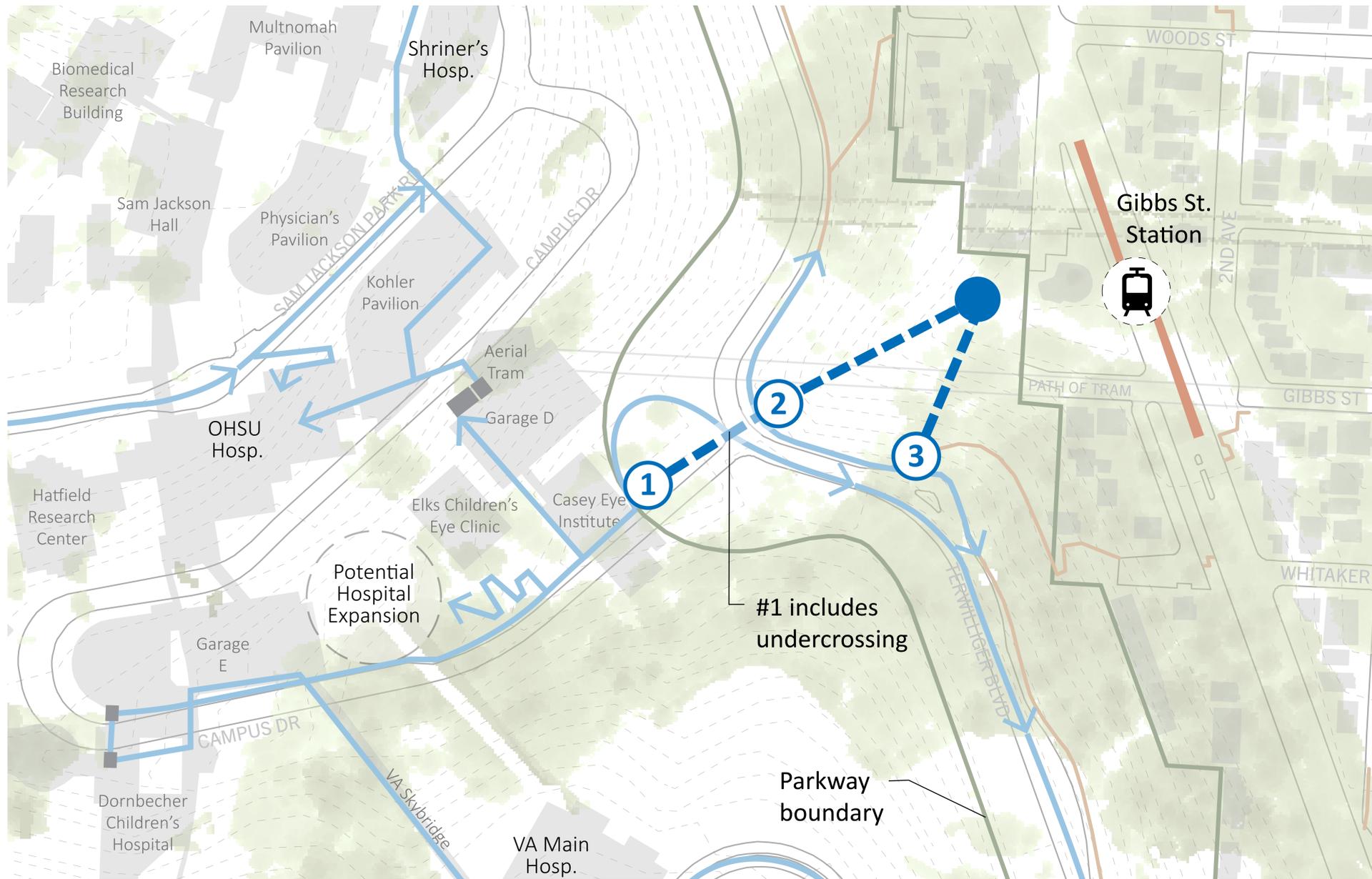


INCLINED ELEVATOR: OVERVIEW

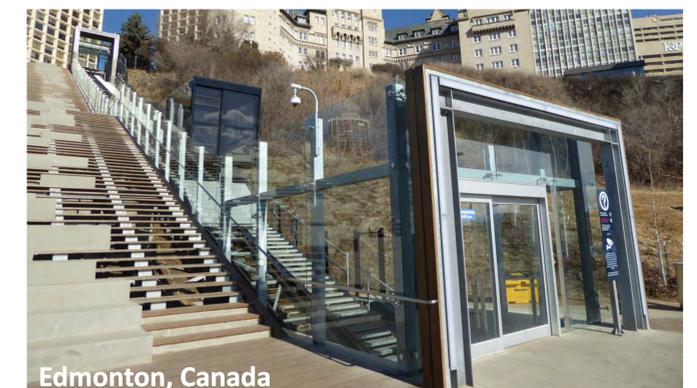
ALIGNMENT OPPORTUNITIES



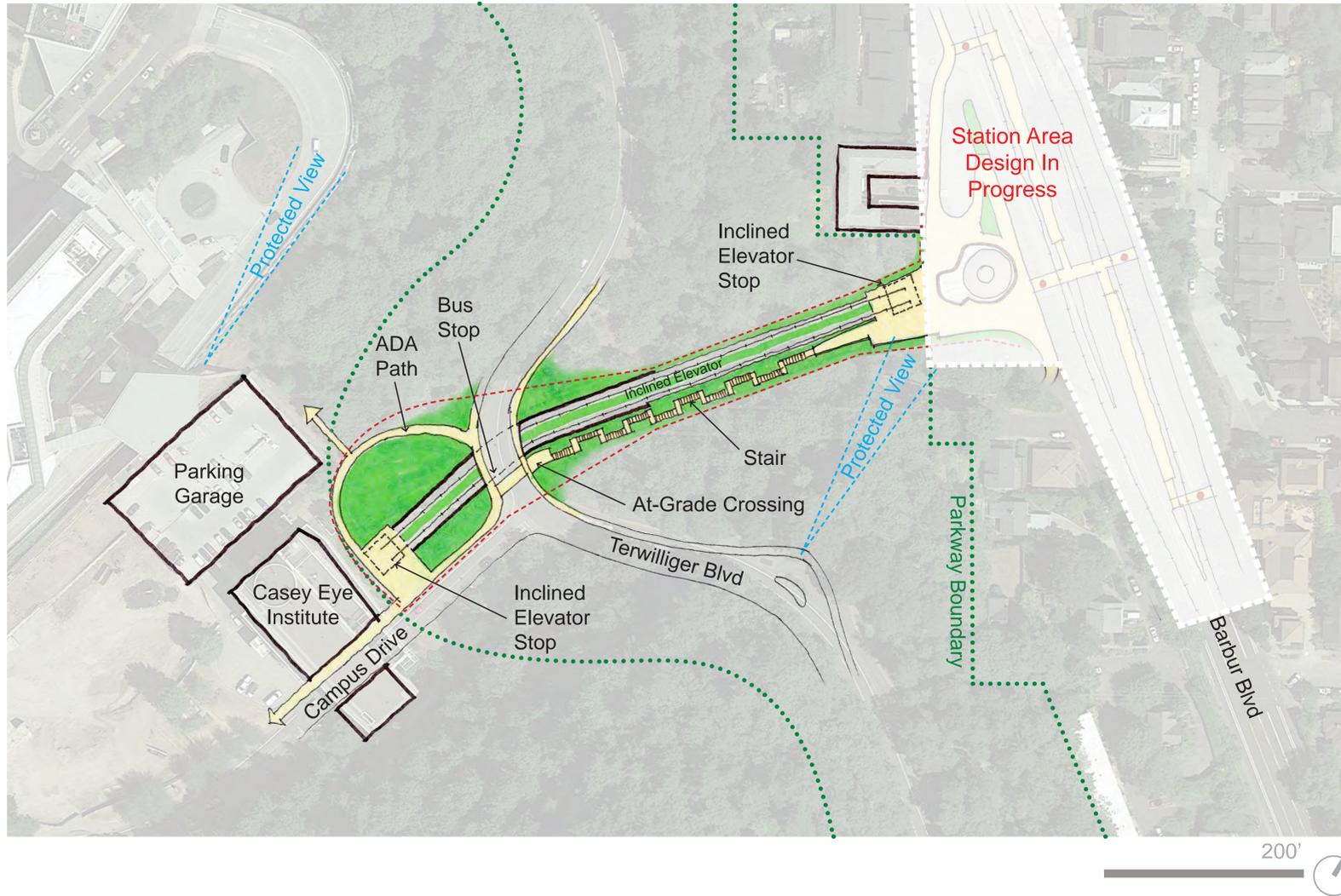
DESTINATION OPPORTUNITIES

- ① Casey Eye Institute
- ② Base of Campus Drive
- ③ Historic Viewpoint

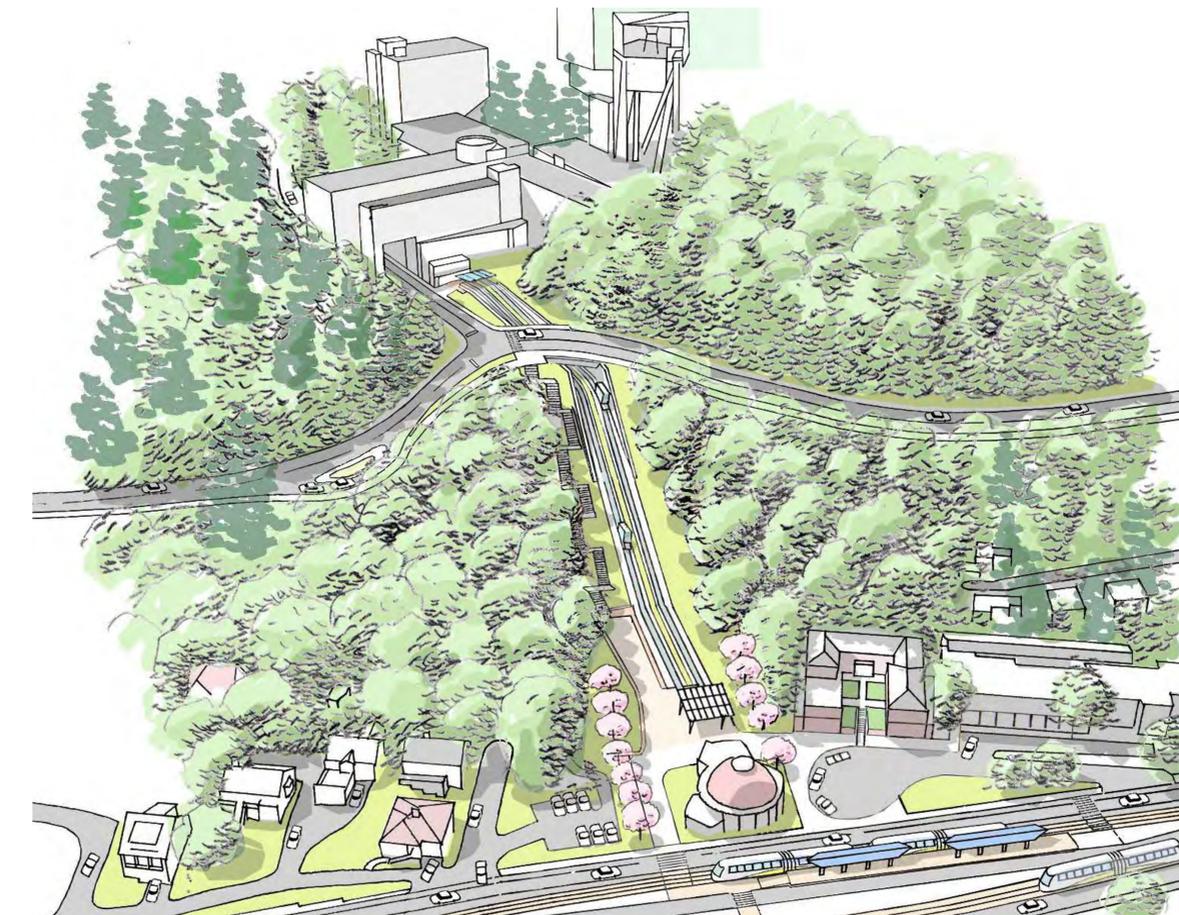
PRECEDENT IMAGES



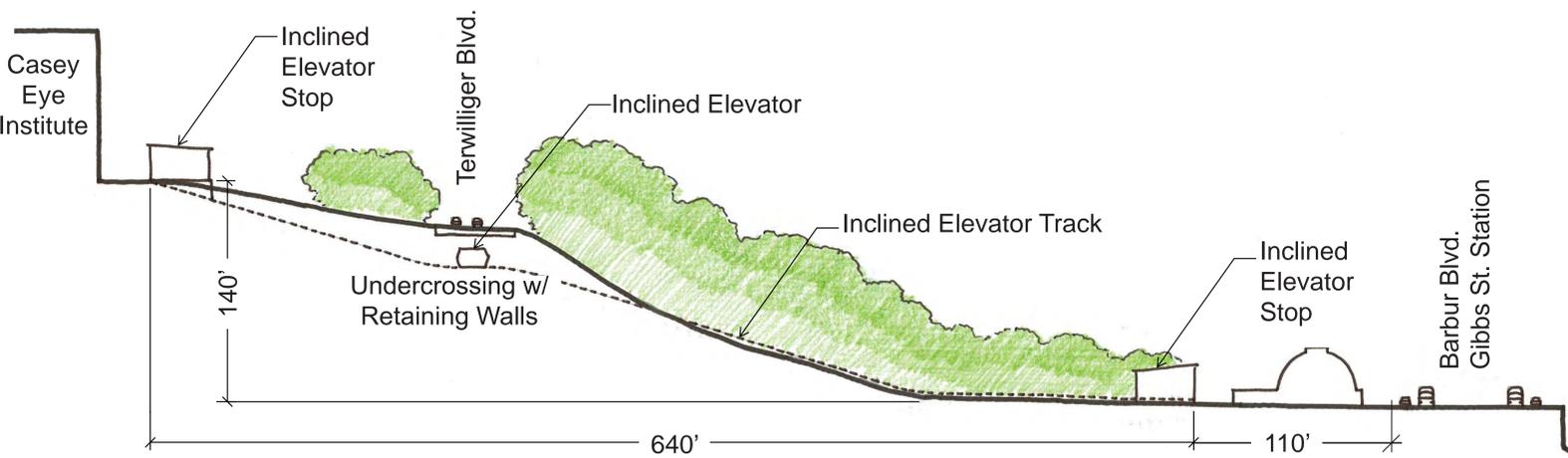
INCLINED ELEVATOR: CONCEPTUAL EXAMPLE



VIEW FROM BASE OF HILL, LOOKING WEST



AERIAL VIEW, LOOKING WEST



INCLINED ELEVATOR: EVALUATION

CATEGORY	GOALS “The Marquam Hill Connector should...”	DRAFT EVALUATION	NOTES
ACCESS	<ul style="list-style-type: none"> Provide connections between the light rail station and destinations on Marquam Hill Provide an efficient, convenient, equitable and comfortable connection for all types of users 		<ul style="list-style-type: none"> Overcomes vertical & horizontal distances Provides for dispersal to many destinations at Terwilliger Blvd & bus stop
SAFETY	<ul style="list-style-type: none"> Create a safe and secure connection for all users 		<ul style="list-style-type: none"> Users are highly visible from surroundings with limited areas of seclusion or isolation Safety considerations for at-grade crossing at Terwilliger Blvd for stair users
CONTEXT	<ul style="list-style-type: none"> Best fit with, enhance, and improve the unique historic, scenic, recreational and design character of this area 		<ul style="list-style-type: none"> Trackway & stairway have relatively low impact Mechanical & boarding structures will be visible within surroundings Retaining walls for under-crossing will have significant visual & construction impacts
ENVIRONMENTAL	<ul style="list-style-type: none"> Protect or enhance the area’s natural resources and sensitive habitat 		<ul style="list-style-type: none"> Relatively small construction footprint outside of trackway Clearing for trackway causes permanent tree impacts Security lighting & fencing may impact wildlife
OPERATIONAL	<ul style="list-style-type: none"> Provide a long-term, sustainable connection for current and future users 		<ul style="list-style-type: none"> No precedent in Portland, many operational issues require further study May include attendants, limited hours and/or user fee Incorporates redundancy with multiple elevators & stairway
BUDGET/SCHEDULE	<ul style="list-style-type: none"> Be cost effective and timely within the Southwest Corridor Light Rail Project 		<ul style="list-style-type: none"> Approximate cost: \$35-45 million Relatively straight forward construction type Risks associated with new technology/system in the TriMet system
EXPERIENCE	<ul style="list-style-type: none"> Create a signature connection that provides a high-quality user experience and inspires civic pride 		<ul style="list-style-type: none"> Unique new transit system for Portland, likely to be an attraction Includes stairway to allow for choice of access and experiences Unfamiliar mode for many people, will require user orientation