MARQUAM HILL CONNECTOR
Green Ribbon Committee

PURPOSE

The committee's purpose is to recommend the type of connector that will link the future Gibbs Street MAX Station on Barbur Boulevard to Marquam Hill. This short distance up the steep hill may require a combination of pathways, structures, and mechanical conveyance to make the connection.

The committee's goal will be to select a type of connector type that is safe, accessible, efficient, sensitive to Terwilliger Parkway's historic context and natural resources, and affordable to build and maintain. The Marquam Hill Connector provides an opportunity to create a signature landmark that reflects the beauty of its surroundings and inspires civic pride.

The committee will make its recommendation to the SW Corridor Light Rail Project Steering Committee for a final decision in May.

ALL DESIGN OPTIONS WILL ADHERE TO THE FOLLOWING PROJECT REQUIREMENTS:

- ADA compliance
- Connection between station & OHSU
- Emergency responder access
- Compliance with local, state and federal regulations (including City of Portland's design zone, environmental zones & scenic resources zones)
- Wayfinding signage, lighting design, and safety features
- Appropriate materials that respect park and neighborhood
- Fundable by FTA and/or other sources with commitment to be in operation by opening of light rail

CATEGORY	GOALS "The Marquam Hill Connector should..."	CRITERIA How design option meets the goal
ACCESS	• Provide connections between the light rail station and destinations on Marquam Hill • Provide an efficient, convenient and comfortable connection for all types of users	• Ease of access to medical facilities (OHSU, VA, Shriners, etc.) • Ease of access to recreational destinations (Terwilliger Parkway, Woods Trail, Whitaker Trail, 4T Trail, SW Trail #1, etc.) • Ease of wayfinding to neighborhoods (Lair Hill, Homestead, etc.) • Provides weather protection for users, especially in queuing areas • Minimizes total travel time & distance from station to Marquam Hill • Minimizes physical effort to use, avoids steep grades • Accommodates multi-modal trips (transfers between light rail, bus, biking & walking)
SAFETY	• Create a safe and secure connection for all users	• Highly visible at all times of operation with limited areas of seclusion or isolation • Minimizes conflicts among modes (motorists, cyclists, pedestrians, transit) • Safely handle high volumes of users at peak times • Ease of providing an appropriately secure and monitored environment
CONTEXT	• Best fit with, enhance, and improve the unique historic, scenic, recreational and design character of this area	• Protects private properties and existing structures • Protects or enhances scenic viewpoints • Minimizes visual impacts of connector on its surroundings • Maintains use and identity of underlying park land as part of whole Terwilliger Parkway
ENVIRONMENTAL	• Protect or enhance the area's natural resources and sensitive habitat	• Maximizes preservation of healthy, native trees (i.e. white oaks, etc.) • Maximizes opportunities for habitat restoration & water quality improvements • Minimizes disruption from construction
OPERATIONAL	• Provide a long-term, sustainable connection for current and future users	• Buildable with durable materials and resilient design • Minimizes operations and maintenance complexity and costs • Can support projected trip volume and ridership growth • Offers redundancy and minimizes out of service time
BUDGET/SCHEDULE	• Be cost effective and timely within the Southwest Corridor Light Rail Project	• Minimizes costs for highest functionality & benefit • Minimizes impacts that cause additional cost or time (utilities, (p) zone, etc.) • Provides opportunities for funding or operational partnerships • Minimizes risk of cost or schedule overruns • Ease of constructability