



Update No. 10 in 2004

Construction Update

LINK LIGHT RAIL

December 3, 2004

24-hour construction work starts within the Beacon Hill noise wall

The Beacon Hill light rail station and tunnel contractor, Obayashi Corporation, will work around-the-clock within the noise walls of the Beacon Hill Station block. **If you have construction-related concerns, please call the construction hotline at (888) 298-2395.**

Sound Transit obtained a noise variance from the City of Seattle to conduct 24-hour construction. Multiple mitigation requirements are included in the noise variance, such as the noise wall. In addition, noise limits at night are stricter than those during the day.

There are several ways noise will be reduced during construction:

- A 16-foot-high noise wall surrounds the station block. Sound blankets were added inside the noise wall to further reduce construction noise.
- The contractor will use lower-noise equipment at night and strobe lights and/or safety observers instead of backup alarms at night.
- Tools that produce the highest noise levels will be restricted to daytime hours.
- Construction noise levels will be monitored to ensure that the work complies with the City of Seattle's noise variance.

Jet grouting

Jet grouting is taking place in El Centro de la Raza's south parking lot. The sidewalk on Lander Street will be temporarily closed during jet grouting, and pedestrians will be re-routed.

Jet grouting also will occur at the intersection of 17th Avenue and Lander Street. During this work, traffic lanes may be temporarily closed and flaggers used to direct traffic. El Centro de la Raza's driveway may be temporarily relocated. We will provide more information about jet grouting work.



Jet grouting at El Centro de la Raza

我們已在碧青山區 (Beacon Hill) 的藍色隔音牆內開始每天 24 小時施工

Se está iniciando la construcción, las 24 horas del día, dentro de la pared azul de barrera de ruido en Beacon Hill

Đang bắt đầu công trình xây cất 24 giờ bên trong tường chắn tiếng động màu xanh tại Beacon Hill



Digging the underground wall for the station

Underground walls

Obayashi will construct the station and vent shafts by building an underground concrete wall around the perimeter of the shaft and then removing the dirt inside this wall. The two shafts will be approximately 165 feet deep.

Obayashi is using the "slurry wall" method to build the underground concrete walls. The contractor digs a trench and fills it with a thick fluid called slurry, which supports the walls. Then, a steel cage is installed through the slurry, and concrete fills the trench from the bottom up, displacing the slurry to be recycled and used again.

West Portal

Obayashi cleared vegetation on the hillside along I-5 and is using plastic sheeting and other methods to control erosion. Obayashi began installing a headwall for the tunnel, which will involve drilling on the east side of I-5. You can see the drill rigs on the hillside above I-5.

For general Sound Transit information, contact Sound Transit at (206) 398-5000 or (888) 713-6030 TTY. Information in alternative formats is available upon request by calling (206) 689-4927 or (888) 713-6030 TTY. You can also e-mail us at main@soundtransit.org or visit our Web site at www.soundtransit.org.

Project Schedule

June 2004: Construction started
Aug.-Dec. 2004: Soil sampling
Fall 2004–Winter 2005: Jet grouting and slurry wall
Jan.-March 2005: Water main replacement
Summer 2005: Start of tunnel boring
Fall 2005: McClellan Station and elevated trackway construction begins
2007-2009: System installation and testing
2007-2008: Station construction complete
2009: Start of light rail service

For More Information

For more information about the Beacon Hill Tunnel and Station, please contact Liz Ellis at 206-398-5283 or ellisl@soundtransit.org.

Actualización de construcción para el Riel ligero en Beacon Hill. Para mayor información, por favor llame al (206) 398-5000 durante horas normales de oficina.

碧肯山 (Beacon Hill) Link 輕鐵建造最新資訊
。若要獲取詳細資訊，請在正常的工作時間內致電 (206) 398-5000。

Cập nhật tin tức xây cất đường hỏa xa nhẹ Link tại Beacon Hill. Muốn biết thêm chi tiết, xin gọi số (206) 398-5000 trong giờ làm việc bình thường.

Beacon Hill light rail station

Beacon Hill is one of 11 stations on the 14-mile initial segment of the light rail line that begins in Downtown Seattle at Westlake and ends just north of Seattle-Tacoma International Airport.

The Beacon Hill tunnel's west portal, or opening, will be under I-5, east of Airport Way. The underground Beacon Hill Station will be located at the southeast corner of Beacon Avenue South and South Lander Street. The east portal, or opening, will be east of 25th Avenue South and south of South McClellan Street, where the light rail line will emerge to an elevated trackway as it approaches the McClellan Station near the junction of Rainier Avenue South, Martin Luther King, Jr. Way South and Winthrop Street (Cheasty Boulevard).

In 1996, voters approved funding for Sound Transit to provide a regional network of express buses, commuter rail, light rail and transit facilities connecting communities in King, Pierce and Snohomish counties.

Beacon Hill Construction Update Meeting

Sound Transit will hold regular meetings in Beacon Hill to explain upcoming construction activities and answer your questions, including questions about construction noise. The next meeting will be held on:

Monday, December 13
6:30 p.m. to 7:30 p.m.
Beacon Hill Library Meeting Room
2821 Beacon Ave S.



SOUNDTRANSIT

401 S. Jackson St
Seattle, WA 98104-2826

**Beacon Hill light rail
construction update meeting
December 13
at Beacon Hill library**

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