

# Memorandum

**To:** Ed Harper - WUTC  
**CC:** Byron Cole - BTR  
**From:** Chuck Thompson - N.P.T.&S.  
**Date:** October 26, 2005  
**Re:** Crossing Upgrade For Ballard Terminal RR

The Ballard Terminal Railroad wants to perform the following upgrades to the crossing at Northwest 60 St and Seaview Ave Northwest, in Seattle WA, DOT # 101206E.

Upgrade the lights to 12 inch units.

Replace the Primary Batteries.

Replace the Primary Battery Charger.

Install GE Transportation Systems Driver Interface Crossing Lamp Controller.

Below costs are for equipment and labor and include freight and taxes.

|    |  |           |
|----|--|-----------|
| 32 | Safetran FLX-12 Incandescent Light Heads with Poly Background and Visor. | \$9466.00 |
| 02 | GE Model XLC Crossing Lamp Controllers.                                  | \$1954.00 |
| 07 | Absolyte IIP 50A-15S Batteries   | \$2980.00 |
| 01 | National Railway ERB-C 12/40 Charger                                     | \$ 902.00 |
| 16 | Hours Labor  | \$ 704.00 |

**Total \$16,006.00**

CDT:cdt