

Applicant Name:     Randolph Peterson    

Organization:     Tri-City and Olympia Railroad    

Address:     2579 Stevens Dr.    

    Richland, WA 99354    

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Type of Application:     Safety improvements and miscellaneous upgrades    

Private crossing safety improvement

Trespass prevention

Miscellaneous

*Please list all of the other companies (e.g., railroad companies) organizations, or state or local agencies that may be involved in implementing this proposal and the name, address and phone number of each.*

N/A

*Note:* Requests for public grade crossing safety projects will be continue to be processed through the Commission's regular petition process.

**Project Information – Please attach additional information if needed.**

- 1) Provide a detailed summary of the hazard being addressed, including any accident/incident information or other supporting data. If filing this application electronically, photographs, drawings, or other optional materials that are not in electronic format may be sent to the mailing address specified in the “instructions” section and should be clearly identified as an attachment to your application:
  
- 2) Provide a detailed description of your proposed project and explain how its implementation will eliminate or mitigate the hazard. If available, please attach any drawings or construction plans for your proposed project (see section 1 if filing electronically):
  - The existing crossing is located at Jadwin Blvd. In Benton Co. and is used and maintained by Tri-City and Olympia Railroad. The WUTC crossing # is 19A 43.60 and the DOT crossing # is 901130-K. The current crossing signals are 12” flashing lights mounted on cantilevers with gates on a AC/DC circuit.
  
  - We propose updating all current light bulbs to LED type, replacement of the current battery cells and charger, installation of directional stick timer, power off indicator strobe lighting and pedestrian bell.
  
- 3) Provide cost estimates, including those related to long-term maintenance:
  - 8 – LED Lights @ \$249.00 per light = \$1992.00
  - 2 sets – Gate Arms (3 lights per set) @ 300.00 per set = \$600.00
  - 6 cells – Batteries @ \$418.00 per cell = \$2508.00
  - 1-Battery Charger @ \$590.00
  - 1-Power off indicator Strobe and fittings = \$120.00
  - 1-Directional stick relay = \$1200.00
  - 24 hours labor at \$41.00 per hour = \$984.00
  
  - Total project cost estimate = \$ 7994.00**
  
- 4) Estimated timeline of project, if approved:
  - All work proposed will be completed by September 30, 2006.
  
- 5) If known, provide a description of how the project’s success would be measured:
  
- 6) Other comments: N/A