



Northwest Railway Museum

Snoqualmie Valley Railroad • Snoqualmie Depot • Depot Bookstore

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Applicant: Richard R Anderson on behalf of The Northwest Railway Museum

Organization: The Northwest Railway Museum

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Type of Application: Trespass Prevention

Implementation will be performed entirely by the Northwest Railway Museum.

1) Hazard:

The Museum owns and operates the Snoqualmie Valley Railroad, a common carrier railroad that carries over 43,000 passengers per year. In Snoqualmie, a public trail (The Centennial Trail) parallels the railroad for approximately 3/4 of a mile and then crosses the tracks at Northern Street. An existing six-foot chain link fence separates the trail from the tracks. During rail operations, there is a significant problem with trespassers accessing and using the main track of the railroad at Northern Street, using it as a secondary trail. There have not been any fatalities or serious injuries but there have been numerous train delays. Police response has been unable to address problem because trespassers immediately leave area as soon as they are spotted.

2) Detailed description:

The Museum proposes to mitigate the problem with an automatic gate that opens when a train is detected. A style c train detection circuit will open an electric gate to allow passage of a train or engine and close it immediately after the train clears.

3) Estimated costs:

Electric gate opening mechanism \$6,200

New gate suitable for automatic operation \$1,200

Enclosure, train detection circuits, battery backup \$21,000

Total \$28,400

Long-term maintenance is estimated at \$1,000 per year.

Request is for \$20,000 (max grant) and balance will be funded by Museum with contribution of relays, labor, and misc. supplies.

4) Timeline:

If approved, implement proposal in summer 2006.

5)

Success will be measured by elimination trespass incidents that interfere with train or engine operation.