

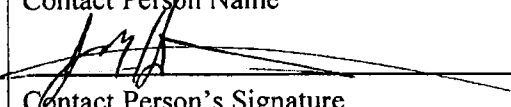
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

Clark County	)	DOCKET NO. TR- <i>111584</i>
_____	)	<i>Revised</i>
Petitioner,	)	PETITION TO MODIFY HIGHWAY-
	)	RAIL GRADE CROSSING ACTIVE
vs.	)	WARNING DEVICES AND
Portland-Vancouver Junction Railroad (PVJR)	)	DISBURSEMENT OF FUNDS
and	)	FROM THE GRADE CROSSING
Chelatchie Prairie Railroad (BYCX)	)	PROTECTIVE FUND
_____	)	
Respondent	)	USDOT CROSSING #
	)	Varies - see attached.

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 UTIL. AND TRANSPORTATION  
 COMMISSION

The Petitioner asks the Washington Utilities and Transportation Commission to approve the modification of highway-rail grade crossing warning signals and disburse funds from the Grade Crossing Protective Fund.

*Section 1 - Petitioner's Information*

Clark County _____ Petitioner
1300 Franklin Street, Suite 650 _____ Street Address
Vancouver, WA 98666 _____ City, State and Zip Code
PO Box 5000 Vancouver, WA 98666-5000 _____ Mailing Address, if different than the street address
Jon Holladay _____ Contact Person Name
 _____ Contact Person's Signature
360-600-5720      jon.holladay@clark.wa.gov _____ Contact Phone Number and Email Address

*Section 2 – Respondent's Information*

Portland-Vancouver Junction Railroad

Respondent

14205 SE 36th Street

Street Address

Bellevue, WA 98006

City, State and Zip Code

Mailing Address, if different than the street address

Eric Temple, President

Contact Person Name

425-671-0959 etemple@pvjr.com

Contact Phone Number and Email Address

*Additional Respondent's Information*

Chelatchie Prairie Railroad

Respondent

No street address – Yacolt train depot corner of NE Railroad Ave and Yacolt Road

Street Address

Yacolt, WA 98675

City, State and Zip Code

PO Box 1271, Battle Ground, WA 98604

Mailing Address, if different than the street address

Steven Brewster, President

Contact Person Name

360-686-3559 brewster4562@comcast.net

Contact Phone Number and Email Address

*Section 3 – Crossing Location*

1. Existing highway/roadway See attached.
2. Existing railroad See attached.
3. USDOT Crossing No. See attached.
4. Located in the \_\_\_ 1/4 of the \_\_\_ 1/4 of Sec. \_\_\_ , Twp. \_\_\_, Range \_\_\_ W.M.
5. GPS location, if known Unknown
6. Railroad mile post (nearest tenth) See attached.
7. City See attached. County Clark County

*Section 4 – Current Highway Traffic Information*

1. Name of highway See attached. \_\_\_\_\_
2. Road authority See attached. \_\_\_\_\_
3. Average annual daily traffic (AADT) See attached. \_\_\_\_\_
4. Number of lanes See attached. \_\_\_\_\_
5. Roadway speed See attached. \_\_\_\_\_
6. Is the crossing part of an established truck route? See Attached Yes \_\_\_\_\_ No \_\_\_\_\_
7. If so, trucks are what percent of total daily traffic? See attached.
8. Is the crossing part of an established school bus route? See attached Yes \_\_\_\_\_ No \_\_\_\_\_
9. If so, how many school buses travel over the crossing each day? See attached.
10. Describe any changes to the information in 1 through 7, above, expected within ten years:  
None anticipated.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Section 5 – Current Crossing Information*

1. Railroad company See Attached

2. Type of railroad at crossing     Common Carrier     Logging     Industrial  
 Passenger     Excursion

3. Type of tracks at crossing     Main Line     Siding or Spur

4. Number of tracks at crossing See attached.

5. Average daily train traffic, freight See attached

Authorized freight train speed 10 mph    Operated freight train speed 10 mph

6. Average daily train traffic, passenger See attached

Authorized passenger train speed 10 mph\*    Operated passenger train speed 10 mph  
\*Only in BYCX excursion territory. No passenger service elsewhere.

7. Describe any changes to the information in 1 through 4, above, expected within ten years:

None anticipated in PVJR territory. In BYCX territory, BYCX intends to extend the length  
it's passenger excursion service to NE 279<sup>th</sup> by mid-2012 (there is no train traffic there now).

8. What is the available sight distance from the stop bar (or 25 feet from the tracks if no stop bar) on both approaches to the crossing?

N/A

N/A

9. If the sight distance is less than 400 feet, describe the structures, roadway or track curvature, visual obstacles or other characteristics that limit sight distance.

N/A

N/A

*Section 6 – Current Warning Devices*

1. Provide a complete description of the warning devices currently located at the crossing, including signs, gates, lights, train detection circuitry and any other warning devices.

See Attached.

**Section 7 – Description of Proposed Changes**

1. Describe in detail the number and type of proposed automatic signals, gates or other warning devices, including proposed circuitry. Include the funding source for the proposed modification.

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Project will replace X-ing incandescent lamps with 120 LED lamp assemblies. See

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attached table for the number of lamp replacements at each crossing. As many will be

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changed out as possible depending on the amount of the WUTC GCPF award. An

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award of \$19,684.54 is estimated to replace 120 lamps (the total need is 196 lamps for

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the entire railroad).

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**Section 8 – Illustration of Proposed Warning Devices**

Attach a detailed diagram, drawing, map or other illustration showing the proposed modification. Attached is vendor information typical of a 12" LED lamp assembly for railroad signal use.

### ***Section 9 – Use of Surplus Equipment***

If surplus or used equipment is being installed as part of the project, please review the following statement and sign, accepting the terms and conditions.

“The recipient of surplus equipment voluntarily accepts the equipment as is. Proper installation and testing is required per Code of Federal Regulations 49, prior to activating the signal equipment. The recipient assumes full responsibility for functionality of the equipment.”

Name (print):   N/A    
Title: \_\_\_\_\_  
Company: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

### ***Section 10 – Project Cost Information***

1. Breakdown of estimated total cost.

Note: Cost per unit and units ordered may vary due to cost of materials at time of order.

Cost per LED assembly = \$149

Shipping/handling per LED assembly = \$3.31

Total cost for 120 units = \$18,277.20

Sales Tax @ 7.7% = \$1,407.34

**Total Project Cost = \$19,684.54**

2. Names of the parties contributing to the project and the amount each is contributing.

WUTC GCPF grant award to pay full cost of materials. Clark County will supply all labor and equipment required to install LED units.

3. Provide the amount the applicant is requesting from the GCPF grant program.  
\$19,684.54 Requested. Clark County will purchase as many units as possible based on the actual award and unit prices at time of order.

### ***Section 11 – Project Completion Date***

Project completion date: Project will take up to six months to complete once a grant is awarded. Ordering of materials can take place immediately upon execution of an agreement.



**Section 12 – Waiver of Hearing by Respondent**

**Waiver of Hearing**

The undersigned represents the Respondent in the petition to modify highway-rail grade crossing warning signals at the following crossing:

USDOT Crossing No. Varies – see attached.

We have investigated the conditions at the crossing. We are satisfied the conditions are the same as described by the Petitioner in this docket. We agree the warning signals should be modified and consent to a decision by the commission without a hearing.

Dated at Bellevue, Washington, on the 3rd day of November, 20 11.

Eric Temple

Printed name of Respondent

[Signature]

Signature of Respondent's Representative

President

Title

206 660-4731 etemple@pvjr.com

Phone number and e-mail address

14205 SE 36th St. Suite 100

Bellevue, WA 98006

Mailing address

**Section 12 – Waiver of Hearing by Respondent**

**Waiver of Hearing**

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USDOT Crossing No. Varies – see attached.

We have investigated the conditions at the crossing. We are satisfied the conditions are the same as described by the Petitioner in this docket. We agree the warning signals should be modified and consent to a decision by the commission without a hearing.

Dated at \_\_\_\_\_, Washington, on the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

Chelachie Prairie RR

Printed name of Respondent



Signature of Respondent's Representative

President

Title

503-490-8035 Brewster4562@comcast.net

Phone number and e-mail address

16703 nE 14<sup>th</sup> Ave.

Ridsefield, WA 98642

Mailing address



rail development group

85 Vantage Point Drive  
Rochester, NY 14624

Office 585.352.6868 Fax 585.352.2020  
Customer Service 877.734.7245

## EVERRAY

### 12 " LED Crossing Signal



### Specifications

- 10 Volts AC or DC
- Range -8-14 Volts AC or DC
- Viewing Angle,-30 Degrees
- Temperature -40 C To +85 C
- <1 Amps @ 10 Volts
- <10 Watts @ 10 Volts
- \*MTBF-1.4 Million Hours

### Description

- Universal application—replaces 30/15, 20/32 and 70 degree beam spread incandescent lenses.
- Sealed unit easily installs in most current light housings by simply replacing the outer lens with the light unit.
- Low power consumption—only draws less than 1.0A per unit.
- Simple design concept has outstanding mean time between failure (MTBF) - over 1.4 Million hours.
- Extremely vandal resistant—1/4 inch thick polycarbonate lens is built to stand up to the harshest of environments.
- Deep dish lens design allows for side viewing of aspect.

**Lower maintenance costs ■ Easy to install ■ Vandal resistant ■ No complex power supply**

Clark County LED Signal Lamp Replacement GCPF Application - Crossing Specific Data

Updated 11/3/11 by Jon Holladay

Roadway Name	USDOT X-ing No.	Section 3: Crossing Location			Section 4: Roadway Information							Section 5: Track Information					Section 6: Warning Devices					Section 10: X-ing Improvements			
		Township/Range/Section	RR Milepost	City	County	AADT	No. of Lanes	Road Speed	Established Truck Route?	% Trucks of AADT	School Bus Route?	Daily No. of Sch. Buses	Type of Railroad	Railroad	Track Type	No. of Tracks	Train Traffic	Train Speed (mph)	X-Bucks	Lights	Gates		Bell	Cantilevers	Detection Hardware
NE 87th Avenue	852-435-W	NE1/4 SE1/4 S32 T3N R2E	6.8	Unincorp.	Clark	County	unk.	2	35	No	1.8%	Yes	Com. Carrier	PVJR	Main	1	2/wk	10	Yes	Yes	Yes	Yes	No	AC/DC	10
Slate Route 503	917-071-H	SE1/4 NW1/4 S22 T3N R2E	9.75	Unincorp.	Clark	State	26900	5	50	Yes	3.2%	Yes	Com. Carrier	PVJR	Main	1	2/wk	10	Yes	Yes	Yes	Yes	Yes	AC/DC	24
Caples Road	852-342-C	SW1/4 NE1/4 S22 T3N R2E	9.9	Unincorp.	Clark	County	5270	2	35	No	2.5%	Yes	Com. Carrier	PVJR	Main	1	2/wk	10	Yes	No	Yes	Yes	Yes	AC/DC	20
NE 137th Avenue	852-344-R	NW1/4 NW1/4 S22 T3N R2E	10.6	Unincorp.	Clark	County	140*	2	45	No	Unk.	Yes	Com. Carrier	PVJR	Main	1	2/wk	10	Yes	Yes	Yes	Yes	No	AC/DC	8
NE 159th Street	852-345-X	NW1/4 NW1/4 S22 T3N R2E	10.7	Unincorp.	Clark	County	1080*	2	45	No	Unk.	Yes	Com. Carrier	PVJR	Main	1	2/wk	10	Yes	Yes	Yes	Yes	No	AC/DC	8
NE 142nd Avenue	852-346-E	SW1/4 SE1/4 S22 T3N R2E	11	Unincorp.	Clark	County	480*	2	50	No	Unk.	Yes	Com. Carrier	PVJR	Main	1	2/wk	10	Yes	Yes	Yes	Yes	No	AC/DC	8
NE 199th Street (Eaton)	852-348-T	NW1/4 NE1/4 S11 T3N R2E	13.1	Battle Ground	Clark	City	1290*	2	40	Yes	Unk.	Yes	Com. Carrier	PVJR	Main	1	2/wk	10	Yes	Yes	Yes	Yes	No	AC/DC	10
NE 182nd Avenue	852-356-K	NE1/4 NW1/4 S30 T4N R3E	17.3	Unincorp.	Clark	County	510*	2	45	No	Unk.	Yes	Com. Carrier	PVJR	Main	1	0	10	Yes	Yes	No	Yes	Yes	AC/DC	16
NE 279th Street	852-358-Y	NW1/4 NW1/4 S19 T4N R3E	18.7	Unincorp.	Clark	County	510*	2	45	Yes	Unk.	Yes	Excursion	BYCX	Main	1	0	10	Yes	Yes	Yes	Yes	No	Safetran 625855 Dual- Motion	8
NE Lucia Falls Road	852-362-N	NW1/4 NW1/4 S14 T4N R3E	23.1	Unincorp.	Clark	County	1120*	2	50	Yes	Unk.	Yes	Excursion	BYCX	Main	1	4/wk	10	Yes	Yes	Yes	Yes	No	AC/DC	8
																	Total LED Lamps Requested					120			

\* No recent traffic counts available. Data taken from FRA Xing database.