

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

	)	DOCKET NO. TR- 091526
	)	
Tacoma Rail	)	PETITION TO MODIFY HIGHWAY-
_____	)	RAIL GRADE CROSSING ACTIVE
Petitioner,	)	WARNING DEVICES AND
	)	DISBURSEMENT OF FUNDS
vs.	)	FROM THE GRADE CROSSING
	)	PROTECTIVE FUND
Utilities & Transportation Commission	)	
_____	)	
Respondent	)	USDOT CROSSING #
	)	
.....	)	396682F

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

*Section 1 – Petitioner’s Information*

<u>Tacoma Rail</u> Petitioner
<u>2601 SR 509 North Frontage Road</u> Street Address
<u>Tacoma, WA 98421</u> City, State and Zip Code
_____ Mailing Address, if different than the street address
<u>Alan Matheson</u> Contact Person Name
<u>253-502-8934; Alan.Matheson@cityoftacoma.org</u> Contact Phone Number and E-mail Address

*Section 2 – Respondent's Information*

Washington Utilities & Transportation Commission
Respondent
1300 S. Evergreen Park Dr. SW
Street Address
Olympia, WA 98504-7250
City, State and Zip Code
P.O. Box 47250 1300 S. Evergreen Park Dr. SW
Mailing Address, if different than the street address
Dave Pratt
Contact Person Name
360-664-1100      dpratt@utc.wa.gov
Contact Phone Number and E-mail Address

*Section 3 – Crossing Location*

1. Existing highway/roadway <u>128th St. E.</u>
2. Existing railroad <u>Tacoma Rail Mountain Division</u>
3. USDOT Crossing No. <u>396682F</u> UTC Crossing No. <u>396682F</u>
4. Located in the ___ 1/4 of the ___ 1/4 of Sec. ___, Twp. ___, Range _____ W.M.
5. GPS location, if known <u>47.14037304036141, -122.39584922790527</u>
6. Railroad mile post (nearest tenth) <u>9.4C</u>
7. City <u>Tacoma</u> County <u>Pierce</u>

*Section 4 – Current Highway Traffic Information*

1. Name of highway n/a

2. Road authority Pierce County Public Works

3. Average annual daily traffic (AADT) \_\_\_\_\_

4. Number of lanes 2

5. Roadway speed 35 mph

6. Is the crossing part of an established truck route?      Yes \_\_\_\_\_ No X

7. If so, trucks are what percent of total daily traffic? 0

8. Is the crossing part of an established school bus route?    Yes \_\_\_\_\_ No \_\_\_\_\_

9. If so, how many school buses travel over the crossing each day? \_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*Section 5 – Current Crossing Information*

1. Railroad company Tacoma Rail Mountain Division

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   2  

5. Average daily train traffic, freight Six trains per week

Authorized freight train speed   20      Operated freight train speed  10 - 15 

6. Average daily train traffic, passenger   1   per month; summer months only

Authorized passenger train speed   20      Operated passenger train speed   20  

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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?

Driving west on 128<sup>th</sup>: 70 ft. to the right, 140 to the left.

Driving east on 128<sup>th</sup>: +400 ft. to the left, 140 to the right.

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.

Vision is obstructed by vegetation behind fence line.

\_\_\_\_\_

*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.

The current crossing circuitry is a DC system with shoulder mounted 12 inch lights.

This includes required signage (cross-bucks). There are no gates at this crossing.

\_\_\_\_\_  
\_\_\_\_\_

*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.

The current crossing system will be replaced with a State provided bungalow complete  
with HXP-1 predictors and associated components. Install railroad provided TD-4 and  
track relay for island only side track circuit.

The UTC / GCPF is the funding source for the proposed modification.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Section 8 – Illustration of Proposed Warning Devices*

Attach a detailed diagram, drawing, map or other illustration showing the proposed modification.

Attached.

*Section 9 – Project Cost Information*

1. Breakdown of estimated total cost.

See attached quote.

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

UTC / GCPF with Tacoma Rail contributing with unfunded differences.

3. Provide the amount the applicant is requesting from the GCPF grant program.

\$20,000.00

Project completion date: April 30, 2010

*Section 11 – 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. 396682F UTC Crossing No. 396682F

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

\_\_\_\_\_

\_\_\_\_\_  
Printed name of Respondent

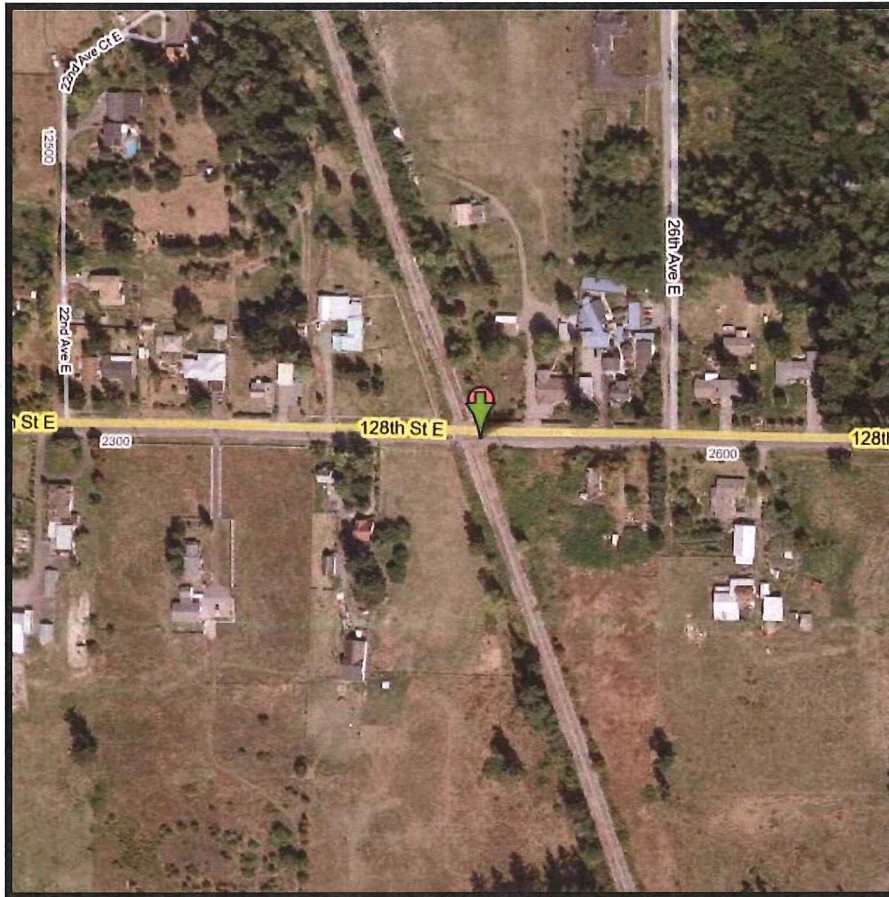
\_\_\_\_\_  
Signature of Respondent's Representative

\_\_\_\_\_  
Title

\_\_\_\_\_  
Phone number and e-mail address

\_\_\_\_\_  
Mailing address







# COAST RAIL, INC.

P.O. Box 308 - Lakebay, WA 98349-0308

Tel: (253) 573-1028 - Fax: (253) 573-1032

Location: 128<sup>th</sup> Street East

County: Pierce

DOT: 396682F

Line: 20G 9.40

1. Description of current signals and / or gates at the crossing: Shoulder mounted 12" inch lights.

2. Type of current crossing circuitry: DC

### 3. Scope of work:

Remove existing relay case, battery box and AC service power pole

Install State provided bungalow complete with HXP-1 predictors & associated components\*

Install RR provided TD-4 and track relay for island only side track circuit

Install all cable runs - track, signal light, gate control (all cable will be supplied by RR)

Provide AC power service

Provide revised circuit plans

### 4. Description of materials to be supplied by Coast Rail:

1 lot - pipe under roadway for cable runs

1 ea - Ring 10 for sidetrack island circuit

1 set - batteries for crossing signal operation (7 cells lead acid or 11 cells NiCad)

1 ea - Narrow band shunt, freq to be determined (approach circuit overlaps with Waller Rd)

1 unit - AC meter loop arrangement

1 lot - misc installation materials

1 lot - revised circuit plans

\*Provided bungalow is wired for gate operation. Gates will not be installed at this time but deferred to when state surplus gate mechanisms are available. Temporarily wire around gate control relays in bungalow until gates are installed.

	<u>PROPOSAL</u>	8/24/09	
1) MOBILIZE			\$1,000 -
2) New pipes under roadway			\$7,000 -
3) Revamp electrical services			\$3,800 -
4) Revise circuit plans			800 -
5) New equipment provided by <u>Coast</u>			4,000 -
6) Set new house & make all hookups			12,000 -
7) Remove old equip. & misc.			3,000 -
			<hr/>
	Total Bid		\$31,600 - plus tax