

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

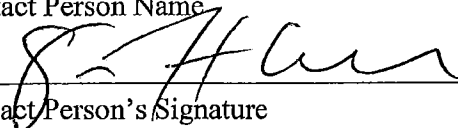
	)	DOCKET NO. TR-160137-9
	)	
<u>Puget Sound &amp; Pacific Railroad</u>	)	PETITION TO MODIFY HIGHWAY-
Petitioner,	)	RAIL GRADE CROSSING ACTIVE
	)	WARNING DEVICES AND
vs.	)	DISBURSEMENT OF FUNDS
<u>City of Abereen</u>	)	FROM THE GRADE CROSSING
Respondent.	)	PROTECTIVE FUND
	)	
.....	)	USDOT CROSSING # 96687
	)	

STATE OF WASHINGTON  
 UTILITIES AND TRANSPORTATION  
 COMMISSION

RECEIVED  
 RECORDS MANAGEMENT  
 2016 JAN 27 PM 12:08

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*

<u>Puget Sound &amp; Pacific Railroad</u>
Petitioner
<u>1710 Midway Court</u>
Street Address
<u>Centralia, WA 98531</u>
City, State and Zip Code
Mailing Address, if different than the street address
<u>Joshua Connell</u>
Contact Person Name

Contact Person’s Signature
<u>360-807-4325      jconnell@gwrr.com</u>
Contact Phone Number and Email Address

**Section 2 – Respondent's Information**

<p><u>City of Aberdeen</u> Respondent</p> <p><u>200 E. Market Street</u> Street Address</p> <p><u>Aberdeen, WA 98520</u> City, State and Zip Code</p> <p>_____ Mailing Address, if different than the street address</p> <p><u>Rick Sangder</u> Contact Person Name</p> <p><u>360-537-3228      rsangder@aberdeenwa.gov</u> Contact Phone Number and Email Address</p>
--

**Section 3 – Crossing Location**

<p>1. Existing highway/roadway <u>Sargent Blvd.</u></p> <p>2. Existing railroad <u>Puget Sound &amp; Pacific Railroad</u></p> <p>3. USDOT Crossing No. <u>096687L</u></p> <p>4. Located in the <u>SE</u> 1/4 of the <u>SE1/4</u> of Sec. <u>S3</u>, Twp. <u>T17N</u>, Range <u>R9W</u> W.M.</p> <p>5. GPS location, if known <u>46.98050, -123.781060</u></p> <p>6. Railroad mile post (nearest tenth) <u>67.10</u></p> <p>7. City <u>Aberdeen</u> County <u>Grays Harbor</u></p>
---

*Section 4 – Current Highway Traffic Information*

**Please complete all information in this section.  
Incomplete information may cause delays in the petition approval process.**

1. Name of highway Sargent Blvd.

2. Road authority City of Aberdeen

3. Average annual daily traffic (AADT) 1310

4. Number of lanes Two

5. Roadway speed 25 MPH

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

7. If so, trucks are what percent of total daily traffic?    75%

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

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

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

\_\_\_\_\_

No changes expected.

\_\_\_\_\_

Section 5 – Current Crossing Information

1. Railroad company Puget Sound & Pacific Railroad

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 One

5. Average daily train traffic, freight 8  
Authorized freight train speed 25 MPH    Operated freight train speed 5 – 25 MPH

6. Average daily train traffic, passenger None  
Authorized passenger train speed 0    Operated passenger train speed 0

7. Describe any changes to the information in 1 through 4, above, expected within ten years:  
No changes expected.

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

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

*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, preemption (advance or simultaneous) and any other warning devices.

Crossing is equipped with a set of 2-way flashing lights and gate arm for both directions of traffic. Each flashing light mast has a Crossbuck signs. The flashing light mast in the northwest quadrant has a bell. The train detection system is a redundant Motion Sensor installed in 1993. Replacement parts are no longer available.

*Section 7 – Description of Proposed Changes*

1. Describe in detail the number and type of proposed signals, gates or other warning devices, including proposed type of train detection. Include the funding source for the proposed modification, if other funding sources will be used in addition to GCPF.

The scope of this grant request is to upgrade the existing train detection system from 1993 technology to current computer technology. We will also be changing from a system that detects train motion and upgrade to a system that gives a constant amount of warning at the crossing regardless of train speed.

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

Attach a detailed diagram, drawing, engineering plan or other illustration showing the proposed crossing modification.

**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): \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Section 10 – Project Cost Information**

1. Breakdown of estimated total cost.

See attached spread sheet.

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

Puget Sound & Pacific Railroad will contribute all labor and technical expertise to install the requested equipment.

3. Provide the amount the applicant is requesting from the GCPF grant program. \$20,000.00

**Section 11 – Project Completion Date**

Project completion date: September 1, 2016.

*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. 96687L

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 Aberdeen, Washington, on the 20th day of  
February, 2016.

City of Aberdeen

Printed name of Respondent



Signature of Respondent's Representative

Public Works Director

Title

360-537-3228      rsangder@aberdeenwa.gov

Phone number and email address

200 E. Market Street

Aberdeen, WA 98520

Mailing address



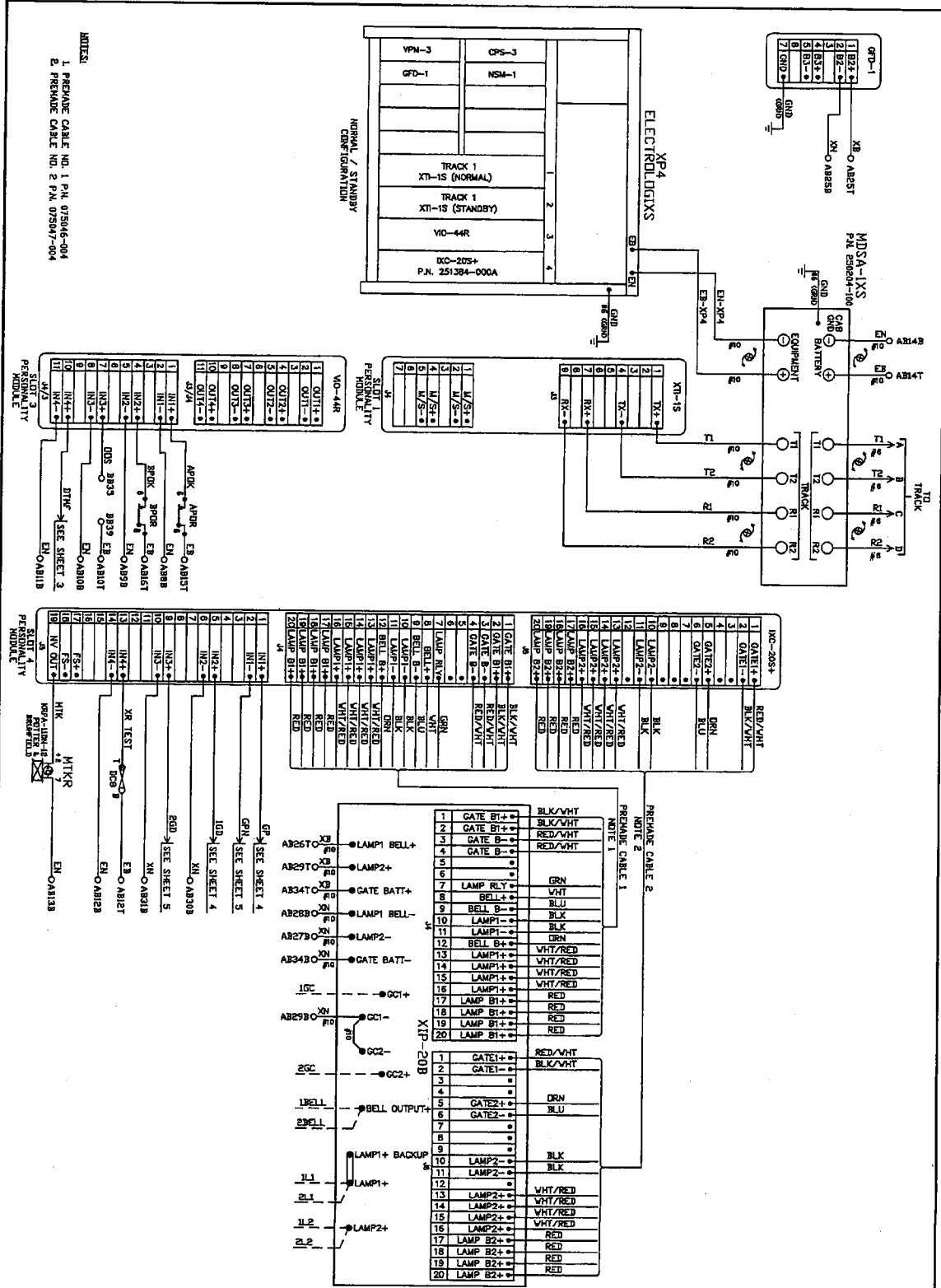
WASHINGTON UTC GRANT REQUEST 1 of 2 FOR CROSSING UPGRADES

SARGENT BLVD., ABERDEEN, WA, MILE-POST 67.14, DOT NO. 96687L

**MATERIAL**

MANUFACTURER	MATERIAL	PART NUMBER	UNIT COST	DISCOUNTED COST	QUANTITY	TOTAL
GE TRANSPORTATION	One track redundant with VPM-3, VIO-44R, and 20 amp crossing control - MDSA-1XS Motion Detector Surge Arrester Model 1	16-2243-00	\$ 21,506.00	\$ 17,204.80	1	\$ 17,204.80
	Cable, XIP-20 #1, 12 ft.	250204-100	\$ 455.00	\$ 364.00	1	\$ 364.00
	Cable, XIP-20 #2, 12 ft.	075046-002	\$ 100.00	\$ 80.00	1	\$ 80.00
		075047-002	\$ 100.00	\$ 80.00	1	\$ 80.00
Newark Electronics	DC Non-Vital Relay	KRPA-11DN-12	\$ 17.41		1	\$ 17.41
	AC Non-Vital Relay	KRPA-11AN-120	\$ 17.83		1	\$ 17.83
	Relay Socket	27E122	\$ 5.80		2	\$ 11.60
	Hold-Down Clip	20C176	\$ 1.66		2	\$ 3.32
Graybar	Wire Tag	M-375-1-342	\$ 89.49		1	\$ 89.49
Northwest Connector	Blue 16 ga. Wire	16C	\$ 0.0951		200	\$ 19.02
Eoff Electric	Okonite TC Blue #14	152-11-3024	\$ 0.4100		100	\$ 41.00
	Okonite TC Blue #10	152-11-3038	\$ 2.0800		100	\$ 208.00
				Subtotal:		\$ 18,136.47
				7.7% sales tax		\$ 1,396.51
				3% Shipping & Handling		\$ 544.09
				<b>Material Total</b>		<b>\$ 20,077.07</b>

TR-160137-P



NOTES:  
 1. PREPARE CABLE NO. 1 P.N. 075046-004  
 2. PREPARE CABLE NO. 2 P.N. 075047-004

PLAN MUST NOT BE MODIFIED WITHOUT APPROVAL OF SIGNAL ENGINEER

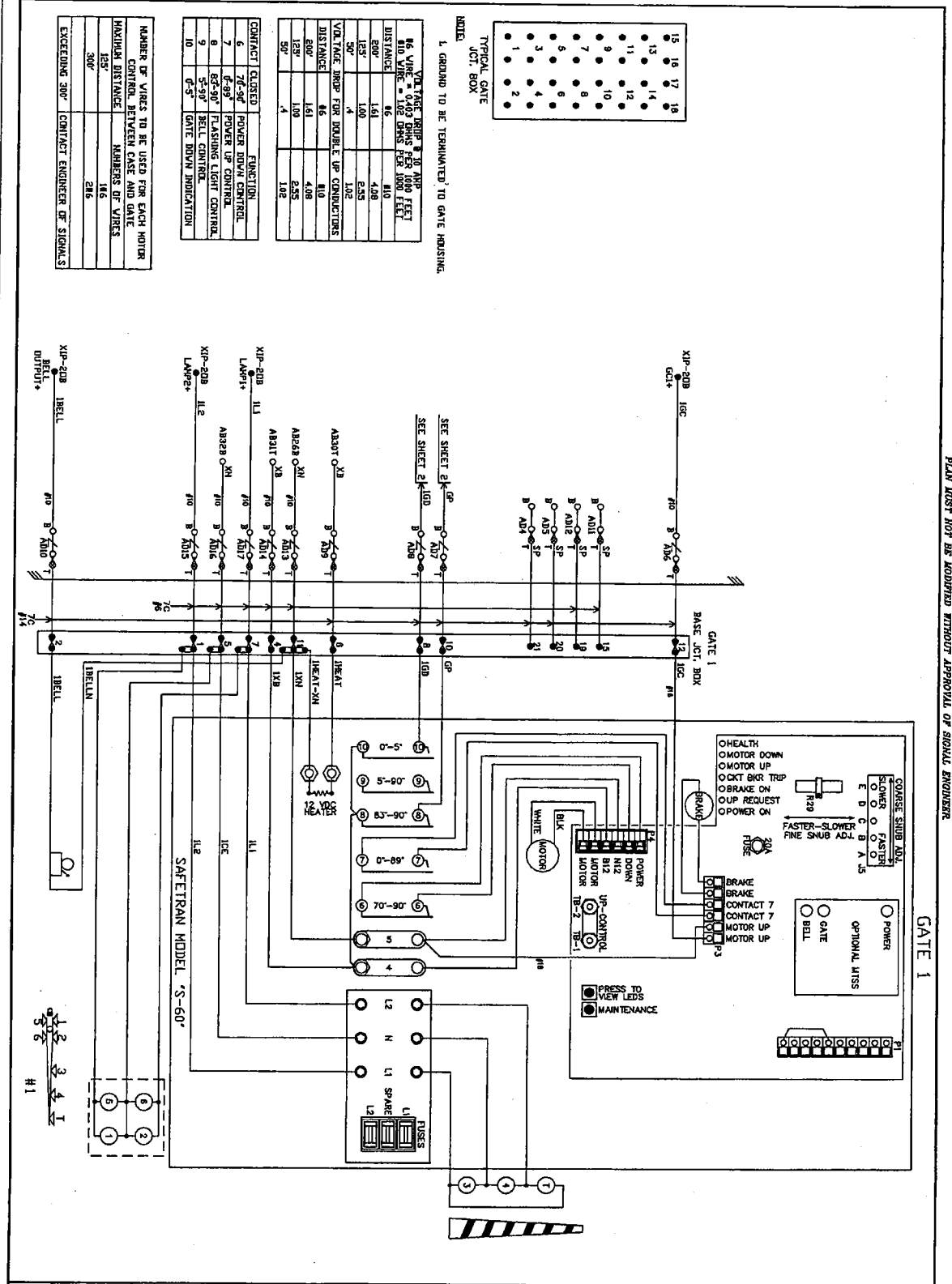
Date	No.	Revisions
7/16/15		
Scale	NONE	
Design	CHD	
Drawn	CHD	
Approved	ADR	DOT/AAR NO. 092 547V

XP4 CONTROL PLAN  
 HIGHWAY - RAILROAD  
 GRADE CROSSING WARNING SYSTEM

CITY OF: CENTRALIA  
 COUNTY OF: LEWIS  
 STATE OF: WASHINGTON

**PUGET SOUND AND PACIFIC RAILROAD**  
  
 650 HAWTHORNE AVE. SE  
 SUITE 220  
 SALEM, OR 97301





PLAN MUST NOT BE MODIFIED WITHOUT APPROVAL OF SIGNAL ENGINEER

GATE 1

Date	No.	Revisions
7/16/15		
Scale		NONE
Design		CHD
Drawn		CHD
Approved		ACH
DOT/AAR		NO 092 547V

**GATE 1 PLAN**  
HIGHWAY - RAILROAD  
GRADE CROSSING WARNING SYSTEM

CITY OF: CENTRALIA  
COUNTY OF: LEWIS  
STATE OF: WASHINGTON

**PUGET SOUND AND PACIFIC RAILROAD**  
**xorail**  
850 HAWTHORNE AVE. SE  
SUITE 220  
SALEM, OR. 97301