



WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

)	DOCKET NO. TR-160138-P
)	
Puget Sound & Pacific Railroad)	PETITION TO MODIFY HIGHWAY-
_____)	RAIL GRADE CROSSING ACTIVE
Petitioner,)	WARNING DEVICES AND
)	DISBURSEMENT OF FUNDS
vs.)	FROM THE GRADE CROSSING
City of Abereen)	PROTECTIVE FUND
_____)	
Respondent.)	
)	
.....)	USDOT CROSSING # 96687L
)	

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.

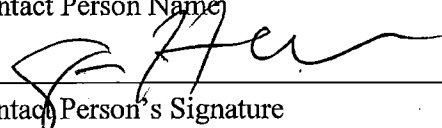
Section 1 – Petitioner’s Information

Puget Sound & Pacific Railroad
Petitioner

1710 Midway Court
Street Address

Centralia, WA 98531
City, State and Zip Code

Mailing Address, if different than the street address

Joshua Connell
Contact Person Name

Contact Person’s Signature

360-807-4325 jconnell@gwrr.com
Contact Phone Number and Email Address

Section 2 – Respondent's Information

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

Section 3 – Crossing Location

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

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 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 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 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

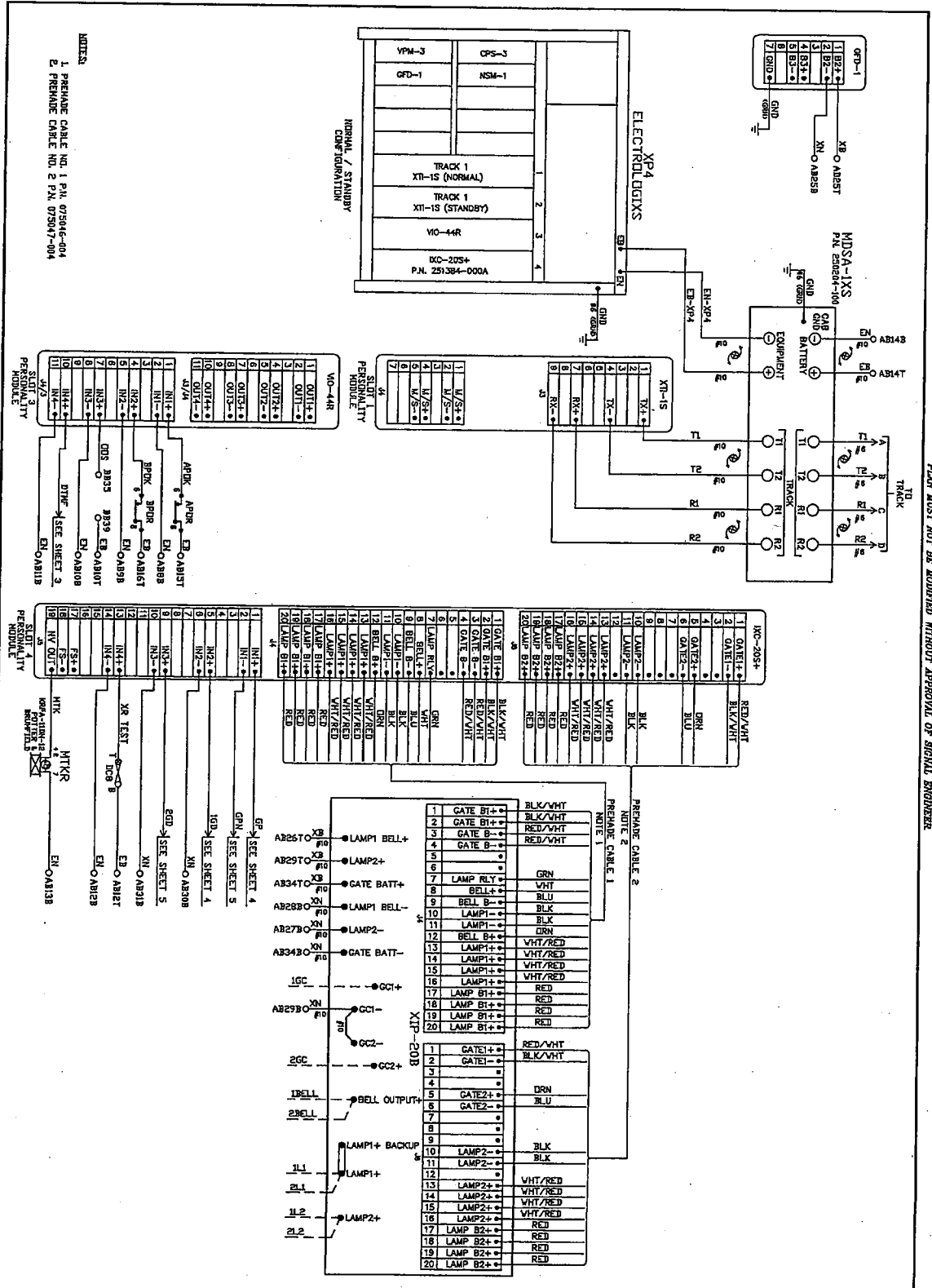
Aberdeen, WA 98520

Mailing address

WASHINGTON UTC GRANT REQUEST 2 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
SAFT AMERICA	SPL 380 Amp/Hr Battery	SPL 380	\$ 350.00		0	\$ -
	SLP 250 Amp / Hr. Battery	SLP 250	\$ 230.00		0	\$ -
GE TRANSPORTATION	XIP-20B Crossing Interface Panel, 20 amp.	227561-000	\$ 579.00	\$ 463.20	1	\$ 463.20
	Wall mount kit for XIP-20B	180611-100	\$ 91.00	\$ 72.80	1	\$ 72.80
	GFD-1 Ground Fault Detector	251333-000	\$ 776.00	\$ 620.80	1	\$ 620.80
Railway Equipment Co.	20 AMP ATC-12V	520620	\$ 386.00		0	\$ -
Siemens	S-60 Gate Mechanism	EM-7849-S60	\$ 6,500.00		1	\$ 6,500.00
	Lightning Equalizer	4000-44700-001X	\$ 22.95		22	\$ 504.90
	Lightning Arrestor	4000-44615-001X	\$ 23.87		2	\$ 47.74
XORail	Signal Design and Software		\$ 10,000.0000		1	\$ 10,000.00
				Subtotal:		\$ 18,209.44
				7.7% sales tax		\$ 1,402.13
				5% Shipping & Handling		\$ 410.47
				Material Total		\$ 20,022.04

TR-160138-P



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

Date	7/16/15	No.	Revisions
Scale	NONE		
Design	CHD		
Drawn	CHD		
Approved	ACH	DOT/ARR	NO. 092 547V
Drawing Number	008972		
	2 of 10		

XP4 CONTROL PLAN
 HIGHWAY - RAILROAD
 GRADE CROSSING WARNING SYSTEM

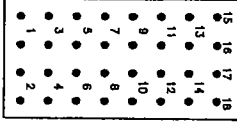
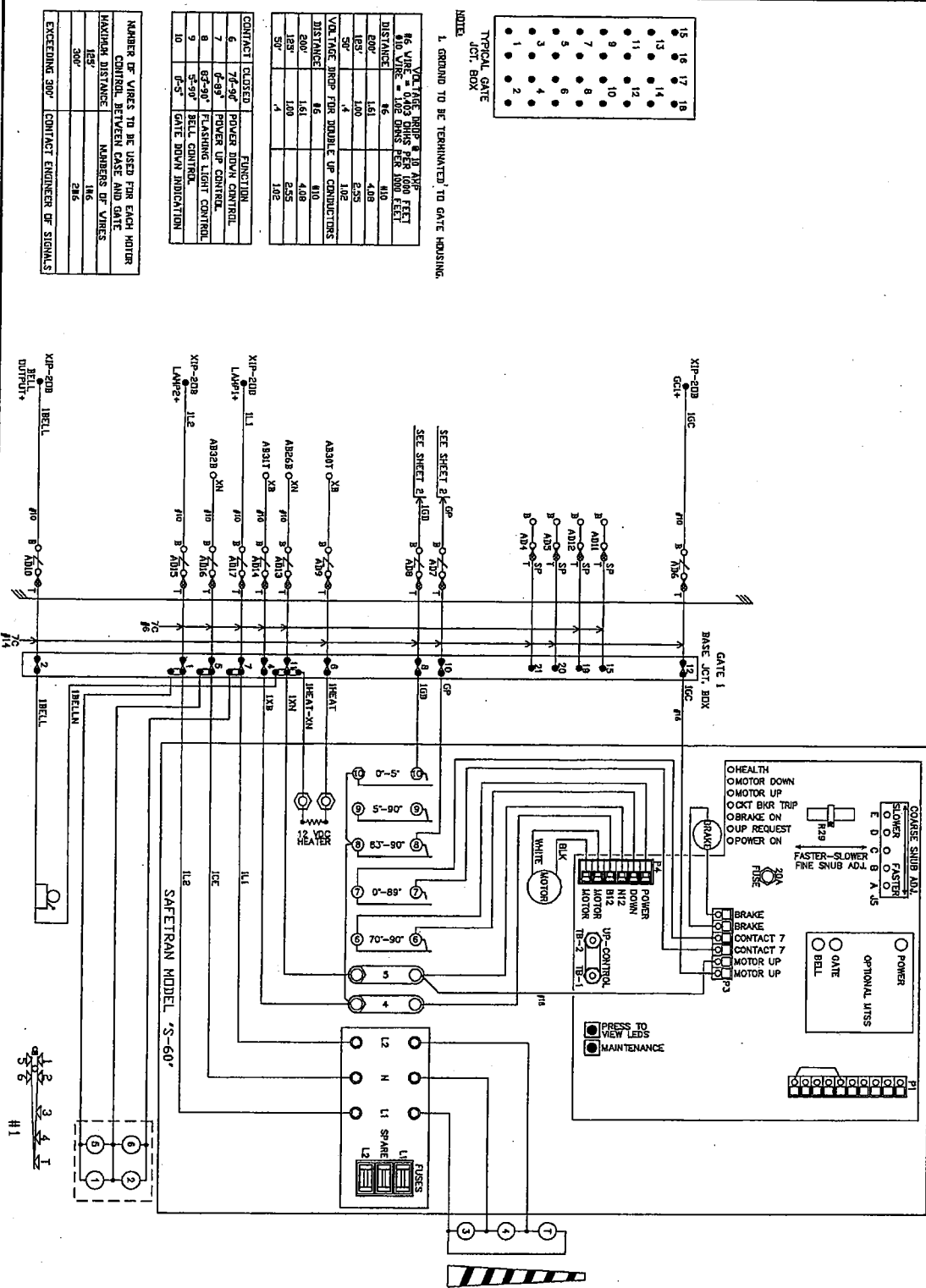
CITY OF:
 CENTRALIA
 COUNTY OF:
 LEWIS
 STATE OF:
 WASHINGTON

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



TYPICAL GATE JCT. BOX

NOTE: 1. GROUND TO BE TERMINATED TO GATE HOUSING.

VOLTAGE DROP IN 100' PER 1000 FEET	
NO. WIRES	1000 FEET
DISTANCE	1000 FEET
150'	1.61
100'	1.00
50'	.50
VOLTAGE DROP FOR DOUBLE UP CONDUCTORS	
DISTANCE	1000 FEET
150'	1.61
100'	1.00
50'	.50

CONTACT	WIRE NO.	FUNCTION
6	7A-90	POWER DOWN CONTROL
7	6-99	POWER UP CONTROL
8	62-90	FLASHING LIGHT CONTROL
9	5-99	BELL CONTROL
10	0-5	GATE DOWN INDICATION

NUMBER OF WIRES TO BE USED FOR EACH MOTOR CONTROL BETWEEN CASE AND GATE	
MAXIMUM DISTANCE	186
150'	216
300'	246

Date	7/16/15	No.	Revisions
Scale	NONE		
Design	CHD		
Drawn	CHD		
Approved	ACH	DUT/MAR	ND 692 547V
Drawing Number	0089/4		
	4 OF 10		

GATE 1 PLAN
HIGHWAY - RAILROAD
GRADE CROSSING WARNING SYSTEM

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

PUGET SOUND AND PACIFIC RAILROAD

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650 HAWTHORNE AVE. SE
SUITE 220
SALEM, OR. 97301