

WASHINGTON



UTILITIES AND TRANSPORTATION  
COMMISSION

1300 S. Evergreen Park Drive SW  
PO Box 47250  
Olympia, WA 98504-7250  
(360) 664-1262 or (360) 664-1202

Web: [www.utc.wa.gov](http://www.utc.wa.gov)

State Of WASH.  
UTIL. AND TRANSP.  
COMMISSION

04/02/18 08:21

Received  
Records Management

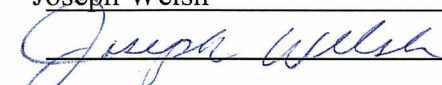
**GRADE CROSSING PROTECTIVE FUND  
2017 – 2019 GRANT APPLICATION  
OPEN CALL FOR PROJECTS**

The Washington Utilities and Transportation Commission (commission), through its Grade Crossing Protective Fund (GCPF), provides grants for projects that eliminate or mitigate public safety hazards at railroad crossings and along railroad rights-of-way in Washington State. Any public, private or non-profit entity may submit an application to the commission for a GCPF grant.

**To apply for a grant to eliminate or mitigate a public safety hazard at a railroad crossing or along a railroad right-of-way, complete the following information and submit it and any attachments to the commission. If you are proposing a change to the warning devices at a public railroad crossing, complete the GCPF petition form.**

**Please be sure to complete the entire form. Incomplete or missing information will delay the grant review process.**

**Applicant Information**

Applicant Name: Joseph Welsh  
Signature:   
Organization: City of Auburn  
Address: 25 West Main Street , Auburn WA 98001  
Phone: 253 804-5050  
Email: [jwelsh@auburnwa.gov](mailto:jwelsh@auburnwa.gov)

**Project Information**

Attach additional sheets as necessary that provide the following:

1. A detailed summary of the hazard being addressed. Include any information about accidents or incidents at the site and photographs, drawings or other materials that support the application.

The C Street SW crossing (# 085661 D) is an industrial spur track which links the BNSF Railway to the Boeing Company facility in Auburn. Boeing and the US General Services Administration (GSA) own portions of this track and BNSF Railway is the operating railroad providing service to Boeing. This crossing of C Street SW is passively-protected with advance warning signs, pavement markings and reflectorized crossbucks. On average two freight trains travel over the crossing several times per week at 10 miles per hour. Because there are no active warning devices (flashing lights or gates), train crews stop and protect the crossing with fusees and lanterns before proceeding through the crossing.

C Street SW is an urban minor arterial roadway and local T 2 class truck route handling between 4 million and 10 million tons of trucking per year with a vehicle speed of 40 miles per hour. Average annual daily traffic through the crossing is 14,800 vehicles, including 11 percent commercial vehicle traffic (AADT year: 2017). C Street SW is part of an established King County Metro transit route. Also, over 200 school buses travel over the crossing on a typical week day. The crossing is currently designated as an “exempt” crossing, meaning commercial motor vehicles transporting passengers or hazardous materials are not required to stop, except when rail traffic is approaching or occupying the crossing.

Trains at this location cross C Street SW often at night at a relatively dark location, and operating at an oblique angle to road traffic. Depending on the direction of the train movement trains may display few if any lights. All of the collisions that have occurred at this crossing have occurred at night. The multiple lane roadway approach to the crossing makes flagging difficult for railroad crews. See attached photos.





**Crash History**

11/3/17 Near Miss – BNSF reported that a car went across the tracks in front of the train in the presence of a railroad worker on the ground.

10/2/17 Vehicle ran into train as it was occupying the crossing. This was a non-injury accident – property damage only.

12/23/15 Vehicle did not stop at crossing and struck train. Injury accident – vehicle driver transported to hospital.

12/12/14 Vehicle did not stop at crossing and was struck by train. This was a non-injury accident – property damage only.

12/10/14 Vehicle stopped at crossing and then proceeded - struck train. This was a non-injury accident – property damage only.

12/10/14 Vehicle did not stop at crossing and was struck by train. This was a non-injury accident – property damage only.

2. A detailed summary of the proposed project and how it will eliminate or mitigate the hazard. Include any drawings or construction plans for the proposed project.

The City of Auburn’s contractor (Puget Sound Electric (PSE)) will install (2) new 30’ wood poles with 12’ arms, 285W LED cobra head flat lens luminaires, (2) spans wire. PSE will also change out (2) existing 400W HPS luminaires to 285W LED cobra head flat lens - increasing their wattage. This will improve lighting in the area of the crossing and make trains more visible. See the attached map.

# Crossing # 085661D Lighting

Printed Date: 3/28/2018  
 Map Created by City of Auburn eGIS  
 Imagery Date: May 2015

Information shown is for general reference purposes only and does not necessarily represent exact geographic or cartographic data as mapped. The City of Auburn makes no warranty as to its accuracy.

## Legend

### Street Painted Lines\_1k

- Airport
- Bike Lane
- Bike Lane Symbol
- Crosswalk
- Dashed Dividing Line
- Directional Symbols
- Fog Line
- Parking
- HOV Lane
- HOV Symbol
- On Street Parking
- Painted Road Line
- Railroad Crossing
- Solid Dividing Line
- Stop Line

- Trees\_1k
- Buildings
- BuildingsRep
- Curbs\_1k
- Parking\_1k
- Driveways\_1k
- Streets\_1k
- Streets County\_1k
- Street Surface\_1k
- Sidewalks

## Notes

Type any additional notes- delete text to leave blank



325.5 Feet

162.7

0

325.5

1in = 163 ft

1: 1,953



NAD\_1983\_StatePlane\_Washington\_North\_FIPS\_4601\_Feet

3. A list of all other companies, organizations, state agencies or local governments that may be involved in implementing this proposal, and the contact name, address and phone number for each (if known).

BNSF Railway

Steve Semenick, Public Projects Manager  
[Stephen.Semenick@BNSF.com](mailto:Stephen.Semenick@BNSF.com)  
206-625-6152

City of Auburn

Joe Welsh, Transportation Planner  
[jwelsh@auburnwa.gov](mailto:jwelsh@auburnwa.gov)  
253-804-5050

The Boeing Company

Heather Jarvis, Project Manager

[heather.jarvis@boeing.com](mailto:heather.jarvis@boeing.com)

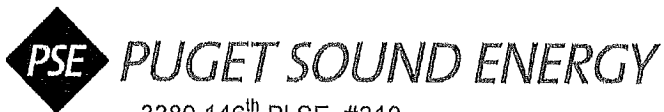
4. A cost estimate, including:
- a. An itemized list of the total costs of the project.
  - b. Names of parties contributing to the project, including the applicant and the amount each is contributing.

The cost to install (2) new 30' wood poles with 12' arms, 285W LED cobra head flat lens luminaires, (2) spans wire, and change out (2) existing 400W HPS luminaires to 285W LED cobra head flat lens is, \$5,198.65.

5. The name of the party responsible for long-term maintenance, such as repair of fencing.

PSE will be responsible for the on-going maintenance of the lights.

6. An estimated timeline of the project.



3380 146<sup>th</sup> PI SE, #310  
Bellevue, WA, 98007  
PSE.com

**STREET LIGHTING  
AUTHORIZATION LETTER**

March 29, 2018  
City of Auburn  
Attn: Scott Nutter  
25 W Main St  
Auburn, WA

Project Name: Ci of Auburn-Railroad Crossing  
Project locations: 1539 C St SW Auburn WA

Dear Scott,

Thank you for your street lighting request to service the above location. With your authorization, we will proceed with the conversion of 2 400W HPS cobraheads to 285W LED GE cobraheads and install 2 30' mounting height Class C wood poles with an 8' arms and 285W GE LED cobrahead plus two spans of wire.. **The cost for the conversion/installation is \$5,198.65 Payment for installation/conversion will be requested after the work is completed.** This estimate is valid for 90 days.

The monthly energy/maintenance charge of \$22.72 respectively, as per our Schedule 53 Electric Tariff G, will start once the lights are energized

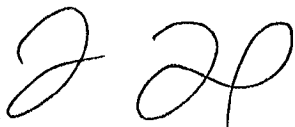
The responsible billing party will be: City of Auburn

---

By signing this letter and returning it, you are stating that you authorize us to do the work and this order will be released to construction for scheduling. Upon receipt of the signed agreement, we will order materials and schedule the construction. Please provide date installation should take place: \_\_\_\_\_

If you have any questions, please call me at 425-462-3620

Sincerely,

Matt Maynard   
Account Manager, Lighting Services from PSE

---

The above is accepted and authorization is given:

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

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



The project will be completed within two months from receipt of grant funding.

7. A description of how the project's success would be measured.

Collision data at the crossing will be monitored. A reduction in the number of train/vehicle collisions occurring during the hours of darkness would be considered to be a success.

8. A description of the applicant's experience in grant management or completing grant projects of this nature, including years of experience, types of projects completed and project cost/scope.

The City of Auburn has extensive experience in managing grant - funded railroad related projects, including previous grants awarded by the UTC.

Any other information the applicant believes would be useful to the commission in evaluating the project.

The Boeing Company owns this industrial siding track which crosses C Street SW.

**Railroad Commitment**

If the applicant is not the railroad owning the crossing or the tracks, the applicant must submit the attached Railroad Commitment form completed and signed by the railroad owning the crossing or tracks.

**Submitting the Application**

After completing the application, please send the original to:  
Washington Utilities and Transportation Commission  
Attention: Grade Crossing Protective Fund  
1300 S. Evergreen Park Drive SW  
PO Box 47250  
Olympia, WA 98504-7250

A signed application may be filed electronically at [records@utc.wa.gov](mailto:records@utc.wa.gov). When filing electronically, please specify “Grade Crossing Protective Fund” in the subject line.

**Assistance**

For questions or assistance, please contact:

- Betty Young at (360) 664-1202 or <https://www.utc.wa.gov/publicSafety/mailbyoung@utc.wa.gov>
- Lori Halstead at (360) 664-1262 or [lhalstea@utc.wa.gov](mailto:lhalstea@utc.wa.gov)

**Railroad Commitment**

The undersigned represents the Railroad Company in the accompanying GCPF application.

We have reviewed the application and are satisfied that the conditions are the same as described by the applicant in this matter. We agree to allow construction, modification or demolition on a railroad right-of-way as described in the application.

Not applicable

\_\_\_\_\_  
Printed name of Railroad Representative

\_\_\_\_\_  
Signature of Railroad Representative

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name of Railroad

\_\_\_\_\_  
Mailing Address of Railroad

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Email

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