

TR-121780-AF

WASHINGTON



UTILITIES AND TRANSPORTATION  
COMMISSION

1300 S. Evergreen Park Drive SW  
PO Box 47250  
Olympia, WA 98504-7250  
(360)664-1257 or (360)664-1100  
Fax: (360)586-1150  
Web: [www.utc.wa.gov](http://www.utc.wa.gov)  
E-mail: [records@utc.wa.gov](mailto:records@utc.wa.gov)

RECEIVED  
RECORDS MANAGEMENT

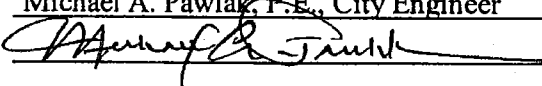
NOV -8 PM 3: 27

**GRADE CROSSING PROTECTIVE FUND  
2011 - 2013 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.

**Applicant Information**

|                 |   |
|-----------------|---|
| Applicant Name: | <u>Michael A. Pawlak, P.E., City Engineer</u>   |
| Signature:      | <u></u> |
| Organization:   | <u>City of Pasco</u>  |
| Address:        | <u>525 N 3<sup>rd</sup> Ave</u>   |
| Phone:          | <u>(509)545-3444</u>  |
| Email:          | <u>pawlakm@pasco-wa.gov</u>   |
| Fax:            | <u>(509)543-5728</u>  |

**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.

GCPF Application Form – Open Call for Projects

*There is an intersection at A Street and 1<sup>st</sup> Avenue that is approximately thirty feet from a skewed three track railroad crossing. The tracks are utilized for both passenger (AMTRAK) and freight trains. A Street is classified as a minor arterial and a truck route with an average daily traffic volume of 5,500 vehicles per day. 1<sup>st</sup> Avenue runs parallel to the railroad, has an average daily traffic volume of approximately 2,500 vehicles, and intersects A Street at a skew. The close proximity of this intersection to the crossing in addition to the skewed angle of the intersection makes it easier for vehicles to drive around the closed railroad gate. The skew angle also decreases the site distance for vehicles, making it more difficult for them to spot an oncoming train.*

*A Street and 1<sup>st</sup> Avenue currently do not have center medians or other forms of channelization to prevent drivers from crossing in the opposing travel lane to drive around a closed gate. BNSF train crews have reported incidents in the past of motorists driving around the crossing gates. This is very risky behavior that can lead to a fatal vehicle-train collision. There are frequent delays at the crossing which contribute to driver frustration and impatience and increase the likelihood of this risky behavior.*

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 proposed project will install median barriers along A Street where it intersects the BNSF rail lines on each side of the crossing and on 1<sup>st</sup> Avenue at the intersection with A Street this will prevent vehicles from crossing into the opposing lane of travel and driving around the closed crossing gates. The median will consist of a raised concrete traffic curb with delineators. The median on A Street will begin 90 feet west of the tracks will have a mountable median (4 inches high) that is 21 feet long and will transition to a full height median (6 inches high) that is 58 feet in length. On the west side of the tracks, the full height median (6 inches high) will begin 13 feet from the tracks, and will extend for 188 feet. 1<sup>st</sup> Avenue will have a median that will be 12 feet wide at the intersection of A Street and 1<sup>st</sup> Avenue and will taper down to a width of 2 feet 124 feet from the intersection.*

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).

*Richard Wagner  
(206)604-8290  
BNSF Railroad  
2454 Occidental Ave S.  
Seattle, WA 98134*

GCPF Application Form – Open Call for Projects

4. A cost estimate, including:
  - a. An itemized list of the total costs of the project.  
*The estimated cost to construct the project, including traffic control is approximately \$66,000. A detailed cost estimate has been attached for supporting documentation. Due to the size of the project, it will be bid for construction as a Small Works Project.*
  - b. Names of parties contributing to the project, including the applicant, and the amount each is contributing.  
*The City is seeking \$25,000 in this grant, and will contribute the balance of the funds for the project approximately \$41,000.*
5. The name of the party responsible for long-term maintenance, such as repair of fencing.  
*The City of Pasco will be responsible for the long-term maintenance costs of the proposed improvements. These costs are expected to be minimal and will be included in the City's budget for street maintenance.*
6. An estimated timeline of the project.  
*The improvements will be constructed by the end of June if this grant is received.*
7. A description of how the project's success would be measured.  
*The project's success will be measured through the prevention of vehicle/train accidents. Although these types of accidents are rare, when they do occur they have a high likelihood of fatalities.*
8. Any other information the applicant believes would be useful to the Commission in considering the project.  
*N/A*

**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 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

GCPF Application Form – Open Call for Projects

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:

- Kathy Hunter at (360)664-1257 or by email at [khunter@utc.wa.gov](mailto:khunter@utc.wa.gov)
- David Pratt at (360)664-1100 or by email at [dpratt@utc.wa.gov](mailto:dpratt@utc.wa.gov)

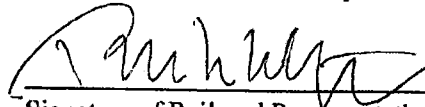
**Railroad Commitment**

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.

Richard W. Wazner

Printed name of Railroad Representative



Signature of Railroad Representative

Mason Public Projects

Title

206.625.6152

Phone

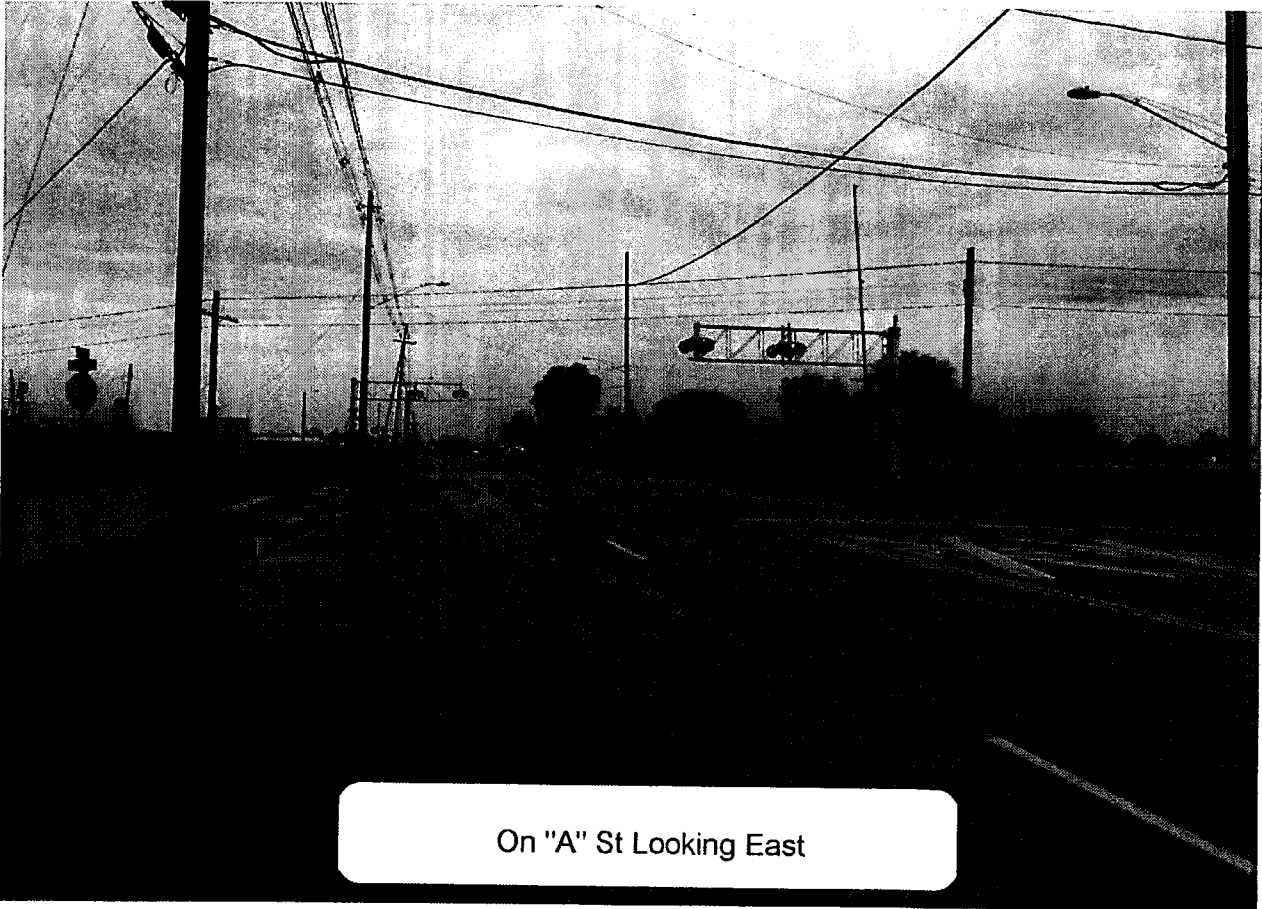
Richard.Wazner@BNSF.com

Email

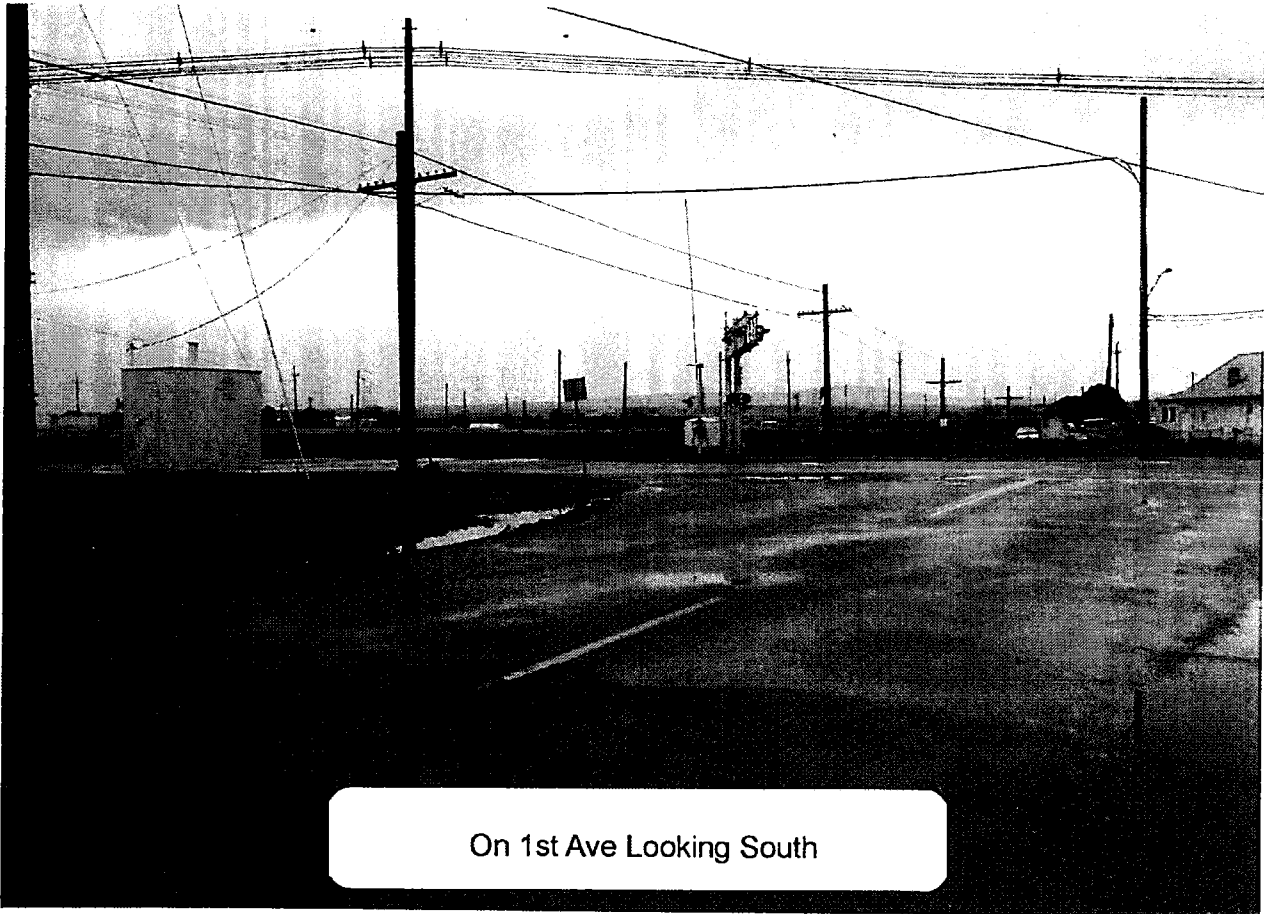
Date: 11.07.2012

1st & A St RR Crossing  
 PROJECT NUMBER:  
**ENGINEER'S ESTIMATE:**

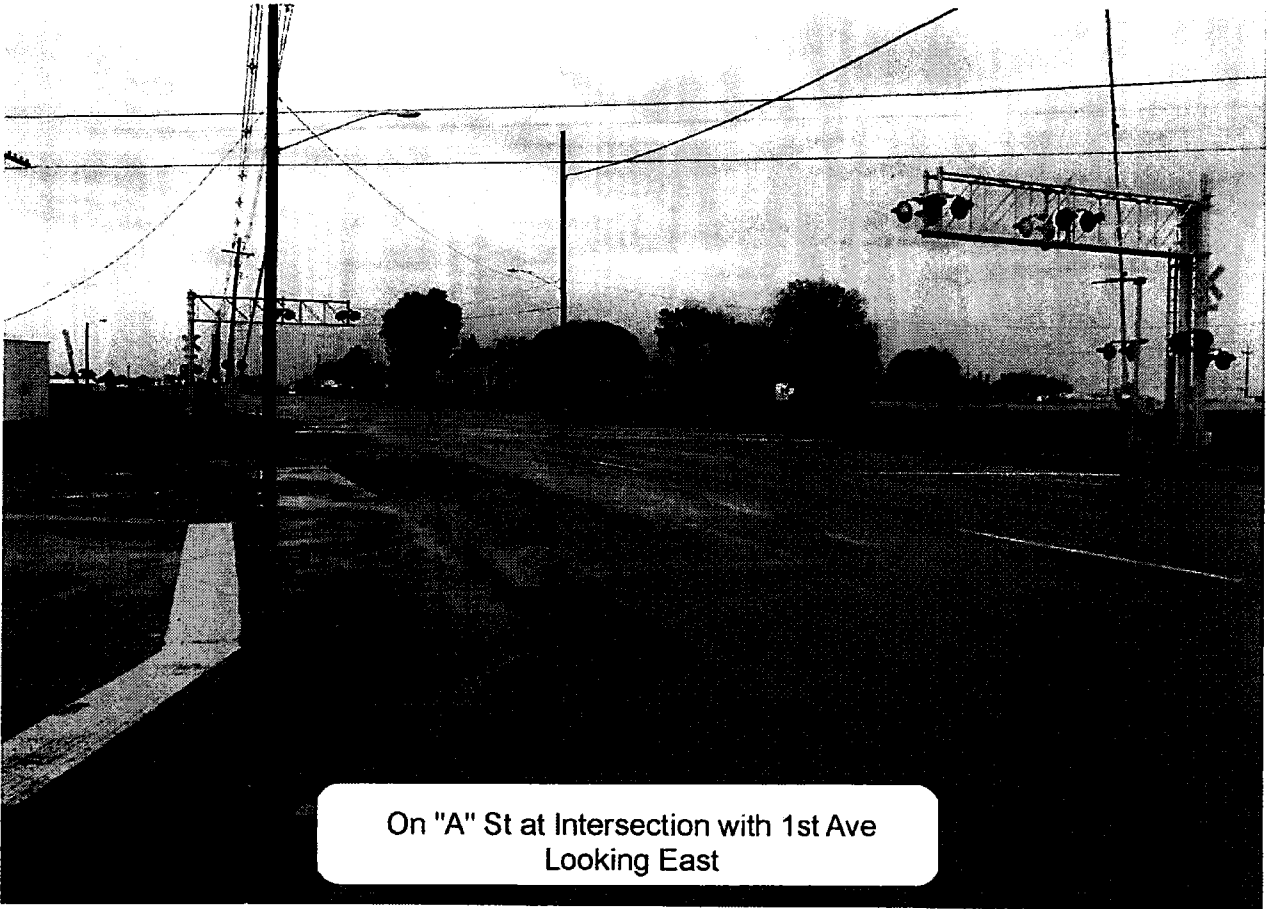
| No. | Quantity | Unit | Description                            | Unit Price                 | Total Amount     |
|-----|----------|------|--|----------------------------|------------------|
| 1   | 1        | LS   | Mobilization                           | 5,000.00                   | 5,000.00         |
| 2   | 1        | LS   | Traffic Control                        | 5,000.00                   | 5,000.00         |
| 3   | 1        | LS   | SPCC Plan                              | 1,000.00                   | 1,000.00         |
| 4   | 1        | LS   | Record Drawings (min bid \$1,000)      | 1,000.00                   | 1,000.00         |
| 5   | 1        | LS   | Erosion/Water Pollution Control        | 1,000.00                   | 1,000.00         |
| 6   | 30       | Day  | ESC Lead                               | 100.00                     | 3,000.00         |
| 7   | 918      | LF   | Saw Cut                                | 5.00                       | 4,590.00         |
| 8   | 1        | LS   | Demo                                   | 2,000.00                   | 2,000.00         |
| 9   | 124      | SY   | Crushed Surfacing Top Course (2 in)    | 62.36                      | 7,732.96         |
| 10  | 124      | SY   | Crushed Surfacing Base Course (8 in)   | 52.61                      | 6,523.96         |
| 11  | 122      | SY   | HMA CI 0.5 in PG 64-28 (4 in)          | 24.23                      | 2,955.46         |
| 12  | 755      | LF   | Cement Concrete Traffic Curb           | 10.33                      | 7,801.67         |
| 13  | 918      | LF   | Mountable Cement Concrete Traffic Curb | 5.00                       | 4,590.00         |
| 14  | 168      | SY   | Cement Concrete Median                 | 37.72                      | 6,336.96         |
| 15  | 801      | LF   | Paint Line                             | 0.29                       | 229.62           |
| 16  | 1        | LS   | Permenant Signing                      | 2,000.00                   | 2,000.00         |
|     |          |      |  | <b>Contract Item Total</b> | <b>60,760.60</b> |
|     |          |      |  | Sales Tax (8.6%)           | 5,225.41         |
|     |          |      |  | Subtotal                   | 65,986.01        |



On "A" St Looking East



On 1st Ave Looking South



On "A" St at Intersection with 1st Ave  
Looking East





|     |      |          |
|-----|------|----------|
| NO. | DATE | REVISION |
|     |      |          |
|     |      |          |
|     |      |          |
|     |      |          |

RR CROSSING MODIFICATION  
CITY OF PASCO  
1ST AVENUE + A STREET

|      |    |       |
|------|----|-------|
| DATE | BY | CHKD. |
|      |    |       |
|      |    |       |
|      |    |       |
|      |    |       |

