

Exhibit No. ___ (KH-17)
Dockets TR-100127,
TR-100128, TR-100129, and
TR-100131 (*consolidated*)
Witness: Kathy Hunter

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

**WASHINGTON STATE DEPARTMENT
OF TRANSPORTATION,**

Petitioner,

v.

**CENTRAL PUGET SOUND REGIONAL
TRANSPORTATION AUTHORITY
AND THE CITIES OF LAKEWOOD
AND DUPONT,**

Respondents.

**DOCKETS TR-100127,
TR-100128, TR-100129, and
TR-100131 (*consolidated*)**

EXHIBIT TO

TESTIMONY OF

KATHY HUNTER

STAFF OF

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION**

*Washington Utilities and Transportation Commission
Blank Petition to Modify a Highway-Rail Grade Crossing*

May 7, 2010

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

_____)	DOCKET NO. TR-
)	
)	
Petitioner,)	PETITION TO MODIFY A
)	HIGHWAY-RAIL GRADE
)	CROSSING
vs.)	
_____)	
Respondent)	USDOT CROSSING #
)	UTC CROSSING #
.....)	
)	

The Petitioner asks the Washington Utilities and Transportation Commission to approve modification of a highway-rail grade crossing.

Section 1 – Petitioner’s Information

Petitioner

Street Address

City, State and Zip Code

Mailing Address, if different than the street address

Contact Person Name

Contact Phone Number and E-mail Address

Section 2 – Respondent's Information

Respondent

Street Address

City, State and Zip Code

Mailing Address, if different than the street address

Contact Person Name

Contact Phone Number and E-mail Address

Section 3 – Current Crossing Information

1. Railroad company(ies) _____
• Tracks owned by: _____
• Operating railroad: _____

2. Type of railroad at crossing Common Carrier Logging Industrial
 Passenger Excursion

3. Type of tracks at crossing Main Line, number of tracks _____
 Siding or Spur, number of tracks _____

4. Average daily train traffic, freight _____
Authorized freight train speed _____ Operated freight train speed _____

5. Average daily train traffic, passenger _____
Authorized passenger train speed _____ Operated passenger train speed _____

6. Describe current crossing configuration including type of train detection, active warning devices, preemption, etc.:

Section 4 – Expected Crossing Characteristics After Modification

1. Type of railroad operations at crossing Common Carrier Logging Industrial

Passenger Excursion

2. Type of tracks at crossing Main Line, number of tracks _____

Siding or Spur, number of tracks _____

3. Average daily train traffic, freight _____

Authorized freight train speed _____ Operated freight train speed _____

4. Average daily train traffic, passenger _____

Authorized passenger train speed _____ Operated passenger train speed _____

5. Will the modified crossing eliminate the need for one or more existing crossings?

Yes _____ No _____

6. If so, state the distance and direction from the modified crossing.

7. Does the petitioner propose to close any existing crossings and if yes, which crossings?

Yes _____ No _____

Section 5 – Proposed Temporary Crossing

1. Will a temporary crossing be installed? Yes ____ No ____

2. If so, describe the purpose of the crossing and the estimated time it will be needed

3. Will the petitioner remove the crossing at completion of the activity requiring the temporary crossing? Yes ____ No ____

Approximate date of removal _____

Section 6 – Current Highway Traffic Information

1. Name of roadway/highway _____

2. Roadway classification _____

3. Road authority _____

4. Average annual daily traffic (AADT) _____

5. Number of lanes _____

6. Roadway speed _____

7. Is the crossing part of an established truck route? Yes ____ No ____

8. If so, trucks are what percent of total daily traffic? _____

9. Is the crossing part of an established school bus route? Yes ____ No ____

10. If so, how many school buses travel over the crossing each day? _____

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

Section 7 – Alternatives to the Proposed Modifications

1. Does a safer location for a crossing exist within a reasonable distance of the current or proposed location? Yes _____ No _____

2. If a safer location exists, explain why the crossing should not be located at that site.

3. Are there any hillsides, embankments, buildings, trees, railroad loading platforms or other barriers in the vicinity which may obstruct a motorist's view of the crossing?

Yes _____ No _____

4. If a barrier exists, describe:

- ◆ Whether petitioner can relocate the crossing to avoid the obstruction and if not, why not.
- ◆ How the barrier can be removed.
- ◆ How the petitioner or another party can mitigate the hazard caused by the barrier.

5. Is it feasible to construct an over-crossing or under-crossing at the proposed location as an alternative to an at-grade crossing?

Yes _____ No _____

6. If an over-crossing or under-crossing is not feasible, explain why.

7. Does the railway line, at any point in the vicinity of the modified crossing, pass over a fill area or trestle or through a cut where it is feasible to construct an over-crossing or an under-crossing, even though it may be necessary to relocate a portion of the roadway to reach that point?

Yes _____ No _____

8. If such a location exists, state:

- ◆ The distance and direction from the proposed crossing.
- ◆ The approximate cost of construction.
- ◆ Any reasons that exist to prevent locating the crossing at this site.

9. Is there an existing public or private crossing in the vicinity of the proposed modified crossing?

Yes _____ No _____

10. If a crossing exists, state:

- ◆ The distance and direction from the proposed crossing.
- ◆ Whether it is feasible to divert traffic from the proposed to the existing crossing.

Section 8 – Sight Distance

1. Complete the following table, describing the sight distance for motorists when approaching the tracks from either direction after modification.

a. Approaching the crossing from _____, the current approach provides an unobstructed view as follows: (North, South, East, West)

Direction of sight (left or right)	Number of feet from proposed crossing	Provides an unobstructed view for how many feet
Right	300	
Right	200	
Right	100	
Right	50	
Right	25	
Left	300	
Left	200	
Left	100	
Left	50	
Left	25	

b. Approaching the crossing from _____, the current approach provides an unobstructed view as follows: (Opposite direction-North, South, East, West)

Direction of sight (left or right)	Number of feet from proposed crossing	Provides an unobstructed view for how many feet
Right	300	
Right	200	
Right	100	
Right	50	
Right	25	
Left	300	
Left	200	
Left	100	
Left	50	
Left	25	

2. Will the modified crossing provide a level approach measuring 25 feet from the center of the railway on both approaches to the crossing?

Yes _____ No _____

3. If not, state in feet the length of level grade from the center of the railway on both approaches to the crossing. _____

4. Will the modified crossing provide an approach grade of not more than five percent prior to the level grade?

Yes _____ No _____

3. If not, state the percentage of grade prior to the level grade and explain why the grade exceeds five percent.

Section 9 – Illustration of Modified Crossing Configuration

Attach a detailed diagram, drawing, map or other illustration showing the following:

- ◆ The vicinity of the modified crossing.
- ◆ Layout of the railway and highway 500 feet adjacent to the crossing in all directions.
- ◆ Percent of grade.
- ◆ Obstructions of view as described in Section 7 or identified in Section 8.
- ◆ Traffic control layout showing the location of the existing and proposed signage.

Section 10 – Proposed Warning Signals or Devices

1. Explain in detail the number and type of proposed automatic signals or other warning devices planned at the crossing, including a cost estimate for each. If the proposed medications include adding or modifying preemption, contact UTC for the additional worksheets.

Section 12 – Additional Information

Provide any additional information supporting the proposal, including information such as the public benefits that would be derived from modifying the crossing as proposed.

Section 13 – Waiver of Hearing by Respondent

Waiver of Hearing

The undersigned represents the Respondent in the petition to modify a highway-railroad grade crossing.

We have investigated the conditions at the crossing proposed for modification. We are satisfied the conditions are the same as described by the Petitioner in this docket. We agree the crossing be modified and consent to a decision by the commission without a hearing.

Dated at _____, Washington, on the _____ day of _____, 20 ____.

Printed name of Respondent

Signature of Respondent's Representative

Title

Phone number and e-mail address

Mailing address