From:	Robert Yates
To:	Young, Betty (UTC)
Cc:	jennie@portofcolumbia.org; Grant Morgan, P.E.; Lisa Ronnberg; Eric Zitterkopf; Jeff McCowen
Subject:	RE: USDOT 097009F Crossing - Application Withdrawal
Date:	Monday, September 24, 2018 10:06:06 AM
Attachments:	image003.png image004.png image005.png

Betty:

The work for a new bridge and its road approaches will proceed, scheduled for the summer of 2020.

However we are vastly simplifying the previous design (costs) by eliminating the planned new approach to US 12 and hence the need for a new R/R crossing and the abandonment of the existing crossing.

Thank you very much!

ROBERT K. YATES
Lead Inspector, ET4

Columbia County Public Works
415 N. Guernsey Ave.
P.O. Box 5
Dayton, WA 99328
509 382 2534 Phone
509 382 4724 Fax

From: Young, Betty (UTC) [mailto:betty.young@utc.wa.gov]
Sent: Monday, September 24, 2018 9:50 AM
To: Robert Yates
Cc: jennie@portofcolumbia.org
Subject: RE: USDOT 097009F Crossing - Application Withdrawal

Thank you for the information. The commission will issue an order rescinding its approval for crossing construction.

Is the bridge replacement not happening either, or just the railroad crossing portion?

Betty Young
Transportation Planning Specialist
Rail Safety
(360) 664-1202

Utilities and Transportation Commission (UTC)
Respect. Professionalism. Integrity. Accountability.
www.utc.wa.gov

From: Robert Yates [mailto:Robert_Yates@co.columbia.wa.us]
Sent: Monday, September 24, 2018 7:57 AM
To: Young, Betty (UTC) <betty.young@utc.wa.gov>
Cc: jennie@portofcolumbia.org
Subject: USDOT 097009F Crossing - Application Withdrawal

Dear Ms Young:

Please considers this email as notification that Columbia County Public Works hereby withdraws its application and/or effort to relocate or abandon crossing 097009F and/or construct new nearby crossing.

Columbia County will not be relocating or reconstructing said crossing.

The attached PDF is all the information I have in regards to the County's efforts so far.

Please contact me if you have any questions or concerns.

Thank you for your and the UTC's attention on this matter.

Regards;

ROBERT K. YATES
Lead Inspector, ET4
Columbia County Public Works
415 N. Guernsey Ave.
P.O. Box 5
Dayton, WA 99328
509 382 2534 Phone
509 382 4724 Fax

Andrew Woods

From: Eric Zitterkopf <ezitterkopf@andersonperry.com>
Sent: Monday, December 11, 2017 3:31 PM
To: Andrew Woods
Subject: FW: Rose-Gulch Road crossing (USDOT 097009F)
Attachments: Inventory Report 097009F.pdf; Construct a Crossing 5-2017.docx

Drew

Please see below and the attached regarding the rail crossing for Rose Gulch. We can gather all the design info for the meeting but the County needs to schedule the meeting with all the necessary players. Please call me to discuss so we can keep this ball moving.

Eric

From: Young, Betty (UTC) [mailto:byoung@utc.wa.gov]
Sent: Monday, December 11, 2017 2:31 PM
To: Bill Vixie
Subject: Rose-Gulch Road crossing (USDOT 097009F)

Hi Bill – Thanks for talking with me today. Per RCW 81.53.060, alteration of grade crossings in Washington requires a petition to the UTC.

Generally, the UTC petition process works as follows:

1. **Safety Assessment** (on-site meeting) - The safety assessment is a meeting of the parties (UTC staff, the railroad owner/operator, and the road authority at a minimum) at the location of the proposed crossing and provide an opportunity for discussion of any safety concerns and/or questions prior to the petition being filed at the commission. The County, as the petitioner, would schedule the meeting, discuss the project scope, answer any questions, and send out meeting notes after the safety assessment. Important information that will need to be included in the discussion on site includes: the current AADT for Rose-Gulch Road, type of commodities to be hauled by train over the crossing (e.g., will hazardous materials be transported), the percentage of commercial vehicles that use Rose-Gulch Road and will use the new crossing (will vehicles hauling hazardous materials be traveling over the crossing?), is this a school bus route, is there pedestrian traffic, etc. I've attached a copy of the FRA Inventory for this crossing – essentially the information shown there will need to be reviewed/current.

2. **Petition** – When approving a new public crossing, the commission considers public necessity, convenience and safety. Current state policy strongly discourages construction of new highway-railroad crossings at grade unless no other viable alternatives exist, and even in those instances, consideration should be given to closing one or more existing crossings. Generally, the commission requires a feasibility study on whether or not it is practicable to grade separate the new crossing (construct the new crossing over or under the railroad tracks). New crossings also require SEPA review.

   Support from the railroad for construction of the new highway-railroad crossing is critical. If approved by UTC, the railroad would assume responsibility for maintaining the new grade crossing including all signal equipment (if applicable) in perpetuity under current state law. Also, the UTC has minimum standards which must generally be met for construction of any new public crossing including an acceptable crossing surface (preferably concrete panels), an approach grade on both sides of the crossing that does not exceed five percent, shoulder-mounted

12 inch LED flashing lights with gates, modern train detection circuitry (preferably constant warning), standard reflectorized crossbucks mounted on both masts, reflectorized advance warning signs on both roadway approaches to the crossing, a road alignment perpendicular to the tracks at or near 90 degrees, and, if there is pedestrian traffic, sidewalks to cross the tracks outside the roadway. The crossing geometry and signaling system must be designed by a professional engineer and the crossing and equipment must be installed by a qualified contractor acceptable to the railroad. (Site-specific factors are usually discussed at the on-site meeting, but you can use the FHWA Guidance on Traffic Control Devices at Highway-Rail Grade Crossings to help determine if active warning devices are warranted.)

Once the SEPA and feasibility study are complete and the project is at approximately 60% design, the petitioner files the petition with the commission. The petitioner must ensure that all of the information in the petition is current and complete and obtain the respondent's signature (in this case, the Port and Frontier Rail are both respondents) on the Waiver of Hearing portion of the petition prior to filing. The SEPA determination of non-significance, the feasibility study and design drawings must also be included with the petition. A copy of the petition form is attached for your reference.

3. **Order** – Once the petition is received, commission staff reviews it and, assuming the petition is complete, makes a recommendation to the commission for approval. The matter will then go before the commission at one of its regularly-scheduled open public meetings for consideration. If approved, the commission would issue an order that same day.

Please let me know if you have additional questions.

Betty Young
Transportation Planning Specialist
Rail Safety
(360) 664-1202

Utilities and Transportation Commission (UTC)
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U. S. DOT CROSSING INVENTORY FORM

DEPARTMENT OF TRANSPORTATION
ERAL RAILROAD ADMINISTRATION

OMB No. 2130-0017

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire inventory Form. For private highway-rail grade crossings, complete the Header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For Private pathway grade crossings, complete the Header, Parts I and II, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk * denotes an optional field.

A. Revision Date (MM/DD/YYYY)	B. Reporting Agency	C. Reason for Update (Select only one)	D. DOT Crossing Inventory Number
01 / 01 / 1987	☒ Railroad ☐ Transit ☐ State ☐ Other	☐ Change in Data ☐ New Crossing ☒ Closed ☐ No Train Traffic ☐ Quiet Zone Update ☐ Re-Open ☐ Date Change Only ☐ Change in Primary Operating RR ☐ Admin. Correction	097009F

Part I: Location and Classification Information

1. Primary Operating Railroad	2. State	3. County
Union Pacific Railroad Company [UP]	WASHINGTON	COLUMBIA

4. City / Municipality	5. Street/Road Name & Block Number	6. Highway Type & No.
☐ In ☒ Near DAYTON	ROSE GULCH RD (Street/Road Name) | * (Block Number)	CO24110

7. Do Other Railroads Operate a Separate Track at Crossing?	8. Do Other Railroads Operate Over Your Track at Crossing?
☐ Yes ☒ No If Yes, Specify RR	☒ Yes ☐ No If Yes, Specify RR UP

9. Railroad Division or Region	10. Railroad Subdivision or District	11. Branch or Line Name	12. RR Milepost
☐ None SEATTLE	☐ None PORT-5	☐ None DAYTON BR.	(prefix) | 0009.25 (nnnn.nnn) | (suffix)

13. Line Segment *	14. Nearest RR Timetable Station *	15. Parent RR (if applicable)	16. Crossing Owner (if applicable)
0450	DAYTON	☐ N/A	☐ N/A

17. Crossing Type	18. Crossing Purpose	19. Crossing Position	20. Public Access (if Private Crossing)	21. Type of Train	22. Average Passenger Train Count Per Day
☒ Public ☐ Private	☒ Highway ☐ Pathway, Ped. ☐ Station, Ped.	☒ At Grade ☐ RR Under ☐ RR Over	☐ Yes ☐ No	☐ Freight ☐ Transit ☐ Intercity Passenger ☐ Shared Use Transit ☐ Commuter ☐ Tourist/Other	☐ Less Than One Per Day ☐ Number Per Day 0

Type of Land Use
☒ Open Space ☐ Farm ☐ Residential ☐ Commercial ☐ Industrial ☐ Institutional ☐ Recreational ☐ RR Yard

24. Is there an Adjacent Crossing with a Separate Number?	25. Quiet Zone (FRA provided)
☐ Yes ☐ No If Yes, Provide Crossing Number	☒ No ☐ 24 Hr ☐ Partial ☐ Chicago Excused Date Established

26. HSR Corridor ID	27. Latitude in decimal degrees	28. Longitude in decimal degrees	29. Lat/Long Source
☐ N/A	(WGS84 std: nn.nnnnnnn)	(WGS84 std: -nnn.nnnnnnn)	☐ Actual ☐ Estimated

30.A. Railroad Use *	31.A. State Use *
30.B. Railroad Use *	31.B. State Use *
30.C. Railroad Use *	31.C. State Use *
30.D. Railroad Use *	31.D. State Use *
32.A. Narrative (Railroad Use) *	32.B. Narrative (State Use) *

33. Emergency Notification Telephone No. (posted)	34. Railroad Contact (Telephone No.)	35. State Contact (Telephone No.)
800-848-8715		360-664-1262

Part II: Railroad Information

1. Estimated Number of Daily Train Movements

1.A. Total Day Thru Trains (6 AM to 6 PM)	1.B. Total Night Thru Trains (6 PM to 6 AM)	1.C. Total Switching Trains	1.D. Total Transit Trains	1.E. Check if Less Than One Movement Per Day ☐ How many trains per week?
0	0	0		

2. Year of Train Count Data (YYYY)	3. Speed of Train at Crossing
	3.A. Maximum Timetable Speed (mph) 30 3.B. Typical Speed Range Over Crossing (mph) From 25 to 30

4. Type and Count of Tracks
Main 1 Siding ____ Yard ____ Transit ____ Industry ____

5. Train Detection (Main Track only)
☐ Constant Warning Time ☐ Motion Detection ☐ AFO ☐ PTC ☐ DC ☐ Other ☒ None

6. Is Track Signaled?	7.A. Event Recorder	7.B. Remote Health Monitoring
☐ Yes ☒ No	☐ Yes ☐ No	☐ Yes ☐ No

U. S. DOT CROSSING INVENTORY FORM

Revision Date *(MM/DD/YYYY)*	PAGE 2	D. Crossing Inventory Number *(7 char.)*
1/01/1987		097009F

Part III: Highway or Pathway Traffic Control Device Information

1. Are there Signs or Signals? ☒ Yes ☐ No

2. Types of Passive Traffic Control Devices associated with the Crossing

2.A. Crossbuck Assemblies *(count)*	2.B. STOP Signs *(R1-1)* *(count)*	2.C. YIELD Signs *(R1-2)* *(count)*	2.D. Advance Warning Signs *(Check all that apply; include count)* ☐ None
2	0		☒ W10-1 ☐ W10-3 ☐ W10-11 ☐ W10-2 ☐ W10-4 ☐ W10-12

2.E. Low Ground Clearance Sign *(W10-5)*	2.F. Pavement Markings	2.G. Channelization Devices/Medians	2.H. EXEMPT Sign *(R15-3)*	2.I. ENS Sign *(I-13)* Displayed
☐ Yes *(count_____)* ☐ No	☐ Stop Lines ☐ Dynamic Envelope ☐ RR Xing Symbols ☒ None	☐ All Approaches ☐ Median ☐ One Approach ☐ None	☐ Yes ☐ No	☐ Yes ☐ No

2.J. Other MUTCD Signs	2.K. Private Crossing Signs *(if private)*	2.L. LED Enhanced Signs *(List types)*
☐ Yes ☒ No Specify Type _____ Count _____ Specify Type _____ Count _____ Specify Type _____ Count _____	☐ Yes ☐ No	

3. Types of Train Activated Warning Devices at the Grade Crossing *(specify count of each device for all that apply)*

3.A. Gate Arms *(count)*	3.B. Gate Configuration	3.C. Cantilevered *(or Bridged)* Flashing Light Structures *(count)*	3.D. Mast Mounted Flashing Lights *(count of masts)* 0	3.E. Total Count of Flashing Light Pairs
Roadway 0 Pedestrian _____	☐ 2 Quad ☐ Full *(Barrier)* ☐ 3 Quad Resistance ☐ 4 Quad ☐ Median Gates	Over Traffic Lane 0 ☐ Incandescent Not Over Traffic Lane 0 ☐ LED	☐ Incandescent ☐ LED ☐ Back Lights Included ☐ Side Lights Included	0

3.F. Installation Date of Current Active Warning Devices: *(MM/YYYY)*	3.G. Wayside Horn	3.H. Highway Traffic Signals Controlling Crossing	3.I. Bells *(count)*
_____/_____ ☐ Not Required	☐ Yes Installed on *(MM/YYYY)* _____/_____ ☐ No	☐ Yes ☒ No	0

3.J. Non-Train Active Warning	3.K. Other Flashing Lights or Warning Devices
☐ Flagging/Flagman ☐ Manually Operated Signals ☐ Watchman ☐ Floodlighting ☐ None	Count 0 Specify type _____

4.A. Does nearby Hwy Intersection have Traffic Signals?	4.B. Hwy Traffic Signal Interconnection	4.C. Hwy Traffic Signal Preemption	5. Highway Traffic Pre-Signals	6. Highway Monitoring Devices *(Check all that apply)*
☐ Yes ☐ No	☐ Not Interconnected ☐ For Traffic Signals ☐ For Warning Signs	☐ Simultaneous ☐ Advance	☐ Yes ☐ No Storage Distance * _____ Stop Line Distance * _____	☐ Yes - Photo/Video Recording ☐ Yes – Vehicle Presence Detection ☐ None

Part IV: Physical Characteristics

1. Traffic Lanes Crossing Railroad	2. Is Roadway/Pathway Paved?	3. Does Track Run Down a Street?	4. Is Crossing Illuminated? *(Street lights within approx. 50 feet from nearest rail)*
☐ One-way Traffic ☐ Two-way Traffic ☐ Divided Traffic Number of Lanes 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☐ No

5. Crossing Surface *(on Main Track, multiple types allowed)* Installation Date * *(MM/YYYY)* _____/_____ Width * _____ Length * _____

☒ 1 Timber ☐ 2 Asphalt ☐ 3 Asphalt and Timber ☐ 4 Concrete ☐ 5 Concrete and Rubber ☐ 6 Rubber ☐ 7 Metal
☐ 8 Unconsolidated ☐ 9 Composite ☐ 10 Other *(specify)* _____

6. Intersecting Roadway within 500 feet?	7. Smallest Crossing Angle	8. Is Commercial Power Available? *
☒ Yes ☐ No If Yes, Approximate Distance *(feet)* 75	☐ 0° – 29° ☐ 30° – 59° ☒ 60° - 90°	☐ Yes ☒ No

Part V: Public Highway Information

1. Highway System	2. Functional Classification of Road at Crossing	3. Is Crossing on State Highway System?	4. Highway Speed Limit
☐ (01) Interstate Highway System ☐ (02) Other Nat Hwy System (NHS) ☐ (03) Federal AID, Not NHS ☒ (08) Non-Federal Aid	☒ (0) Rural ☐ (1) Urban ☐ (1) Interstate ☐ (5) Major Collector ☐ (2) Other Freeways and Expressways ☐ (3) Other Principal Arterial ☒ (6) Minor Collector ☐ (4) Minor Arterial ☐ (7) Local	☐ Yes ☒ No	_____ MPH ☐ Posted ☐ Statutory

5. Linear Referencing System *(LRS Route ID)* *

6. LRS Milepost *

7. Annual Average Daily Traffic *(AADT)*	8. Estimated Percent Trucks	9. Regularly Used by School Buses?	10. Emergency Services Route
Year _____ AADT 000040	13 %	☐ Yes ☒ No Average Number per Day 0	☐ Yes ☐ No

Submission Information - *This information is used for administrative purposes and is not available on the public website.*

Submitted by _____ Organization _____ Phone _____ Date _____

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

Columbia County Petitioner, vs. Port of Columbia (rail owner), Frontier Rail (railroad operator) Respondents.	DOCKET NO. TR- PETITION TO CONSTRUCT A HIGHWAY-RAIL GRADE CROSSING USDOT CROSSING NO.: TBD

The Petitioner asks the Washington Utilities and Transportation Commission (UTC) to approve construction of a highway-rail grade crossing as described in this petition.

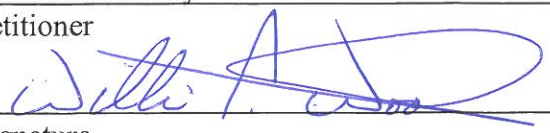
Prior to submitting this petition to the UTC, State Environmental Protection Act (SEPA) requirements must be met. Washington Administrative Code (WAC) 197-11-865 (2) requires:

> **All actions of the utilities and transportation commission under statutes administered as of December 12, 1975, are exempted, except the following:**
>
> **(2) Authorization of the openings or closing of any highway/railroad grade crossing, or the direction of physical connection of the line of one railroad with that of another;**

Please attach sufficient documentation to demonstrate that the SEPA requirement has been fulfilled. For additional information on SEPA requirements contact the Department of Ecology.

Section 1 – Petitioner's Information

Columbia County
Petitioner



Signature

415 North Guernsey Avenue
Street Address

Dayton, Washington 99328
City, State and Zip Code

P.O. Box 5, Dayton, Washington 99328
Mailing Address, if different than the street address

Andrew Woods
Contact Person Name

509-382-2534 | Andrew_Woods@co.columbia.wa.us
Contact Phone Number and E-mail Address

Section 2 – Respondent's Information

Port of Columbia
Respondent #1

1 Port Way
Street Address

Dayton, Washington 99328
City, State and Zip Code

Mailing Address, if different than the street address

Jennie Dickinson
Contact Person Name

509-382-2577 | jennie@portofcolumbia.org
Contact Phone Number and E-mail Address

Section 2 – Respondent's Information (cont.)

Frontier Rail
Respondent #2

425 SE 3rd Avenue, Suite #206
Street Address

Portland, Oregon 97214
City, State and Zip Code

Mailing Address, if different than the street address

Paul Didelius
Contact Person Name

971-888-6011 | PD@frontierrail.com
Contact Phone Number and E-mail Address

Section 3 – Proposed Crossing Location

1. Existing highway/roadway Rose Gulch Road

2. Existing railroad Columbia - Walla Walla Railway, LLC

3. GPS location 46° 17' 17.32" N 118° 02' 38.52" W

4. Railroad mile post (nearest tenth) 65.1

5. City Dayton County Columbia

Section 4 – Current Highway Traffic Information

1. Name of roadway/highway Rose Gulch Road

2. Roadway classification Rural Minor Collector

3. Road authority Columbia County

4. Average annual daily traffic (AADT) 175

5. Number of lanes 2

6. Roadway speed 50

7. Is the road part of an established truck route? Yes X No _____

8. If so, trucks are what percent of total daily traffic? 40%

9. Is the road part of an established school bus route? Yes X No _____

10. If so, how many school buses travel over the crossing each day? 2

11. Describe any changes to the information in 1 through 9, above, expected within ten years:
None

Section 5 – Railroad Information

1. Railroad owner/operator: Port of Columbia / Frontier Rail

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 1

5. Average daily train traffic, freight 1 Train Monday through Friday

Authorized freight train speed 10 Operated freight train speed 10

6. Average daily train traffic, passenger N/A

Authorized passenger train speed _____ Operated passenger train speed _____

7. Will the proposed crossing eliminate the need for one or more existing crossings?
Yes X No ____

8. If so, state the distance and direction from the proposed crossing.
400 feet east

9. Does the petitioner propose to close any existing crossings?
Yes X No ____

Section 6 – Temporary Crossing

1. Is the crossing proposed to be temporary? Yes ____ No X

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 7 – Alternatives to the Proposal

1. Does a safer location for a crossing exist within a reasonable distance of the proposed location?
Yes ____ No X

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 X 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.

There are shrubs near the proposed crossing that will be removed prior to completion of the new crossing.

_____

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 X

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

An over- or under-crossing would add considerable cost to the project. Funds are not available for such an undertaking. Also, given the close proximity of U.S. Highway 12 to the railroad, an over- or under-crossing may not even be possible without a major realignment to the highway or railroad.

7. Does the railway line, at any point in the vicinity of the proposed 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 X

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 crossing?

Yes X 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.

This is a reconstruction of an existing crossing at a new location. The existing crossing is located approximately 400 feet east of the proposed crossing, as shown on the attached preliminary drawings. The basic need for this project is to replace the Vernon Smith Bridge that crosses the Touchet River. A second objective is to realign Road Gulch Road, removing the unnecessary horizontal curves between the new bridge and U.S. Highway 12 and installing a new intersection with U.S. Highway 12.

Section 8 – Sight Distance

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

a. Approaching the crossing from south, 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	N/A
Right	200	N/A
Right	100	400 feet
Right	50	400 feet
Right	25	400 feet
Left	300	N/A
Left	200	N/A
Left	100	Over 1 mile
Left	50	Over 1 mile
Left	25	Over 1 mile

b. Approaching the crossing from north, 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	Over 1 mile
Right	200	350 feet
Right	100	700 feet
Right	50	700 feet
Right	25	Over 1 mile
Left	300	900 feet
Left	200	900 feet
Left	100	900 feet

Left	50	900 feet
Left	25	900 feet

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

Yes X 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 new crossing provide an approach grade of not more than five percent prior to the level grade?

Yes X No ____

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

_____

_____

_____

Section 9 – Illustration of Proposed Crossing Configuration

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

- ♦ The vicinity of the proposed 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 – Sidewalks

1. Provide the following information, if applicable:
   a. Provide a description of the type of sidewalks proposed.
   b. Describe who will maintain the sidewalks.
   c. Attach a proposed diagram or design of the crossing including the sidewalks.

No sidewalks are planned.

_____

_____

Section 11 – Proposed Warning Signals or Devices

1. Explain in detail the number and type of automatic signals or other warning devices planned at the proposed crossing, including a cost estimate for each. If requesting preemption, include the type of train detection circuitry, sequencing and advance preemption time.

Passive warning devices will include MUTCD-compliant crossbuck (R15-1) assemblies with yield signs (R1-2), emergency notification system signs (I-13), and retroreflective strips on the sign supports on both approaches to the crossing. An advance warning sign (W10-1) will be posted on Rose Gulch Rd., and W10-3 signs will be posted on SR-12. Grade crossing pavement markings will be added on both approaches to the crossing.

2. Provide an estimate for maintaining the signals for 12 months. _____

3. Is the petitioner prepared to pay to the respondent railroad company its share of installing the warning devices as provided by law?

Yes ____ No ____

Section 12 – Additional Information

Provide any additional information supporting the proposal, including project-specific information such as the public benefits that would be derived from constructing a new crossing as proposed.

This is a reconstruction of an existing crossing at a new location, and is part of a federally-funded project to replace the Vernon Smith Bridge that crosses the Touchet River. The project will also realign Rose Gulch Road, removing the unnecessary horizontal curves between the new bridge and U.S. Highway 12 and installing a new intersection with U.S. Highway 12. The completed project will enhance public safety and improve access over the Touchet River to U.S. Highway 12. The new bridge will meet current safety standards, realignment of Rose Gulch Road will provide safe route of travel and sight distances. The new railway crossing will be constructed to meet current design and safety standards of the MUTCD and railroad. The reconstructed Rose Gulch Road will be asphalt instead of gravel, and the new crossing surface will also be asphalt. Once the new crossing is constructed, the existing crossing (USDOT 097009F) will be closed and the roadway will be removed.

Section 13 – Waiver of Hearing by Respondent

Waiver of Hearing

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

USDOT Crossing No.: _____

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

Dated at _____ , Washington, on the _____ day of

_____, 20 ____.

Port of Columbia
Printed name of Respondent

_____
Signature of Respondent's Representative

_____
Title

_____
Name of Company

509-382-2577 | jennie@portofcolumbia.org
Phone number and e-mail address

1 Port Way

Dayton, Washington 99328
Mailing address

Waiver of Hearing by Respondent

Waiver of Hearing

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

USDOT Crossing No.: _____

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

Dated at _____ , Washington, on the _____ day of

_____, 20 ____.

Frontier Rail
Printed name of Respondent

_____
Signature of Respondent's Representative

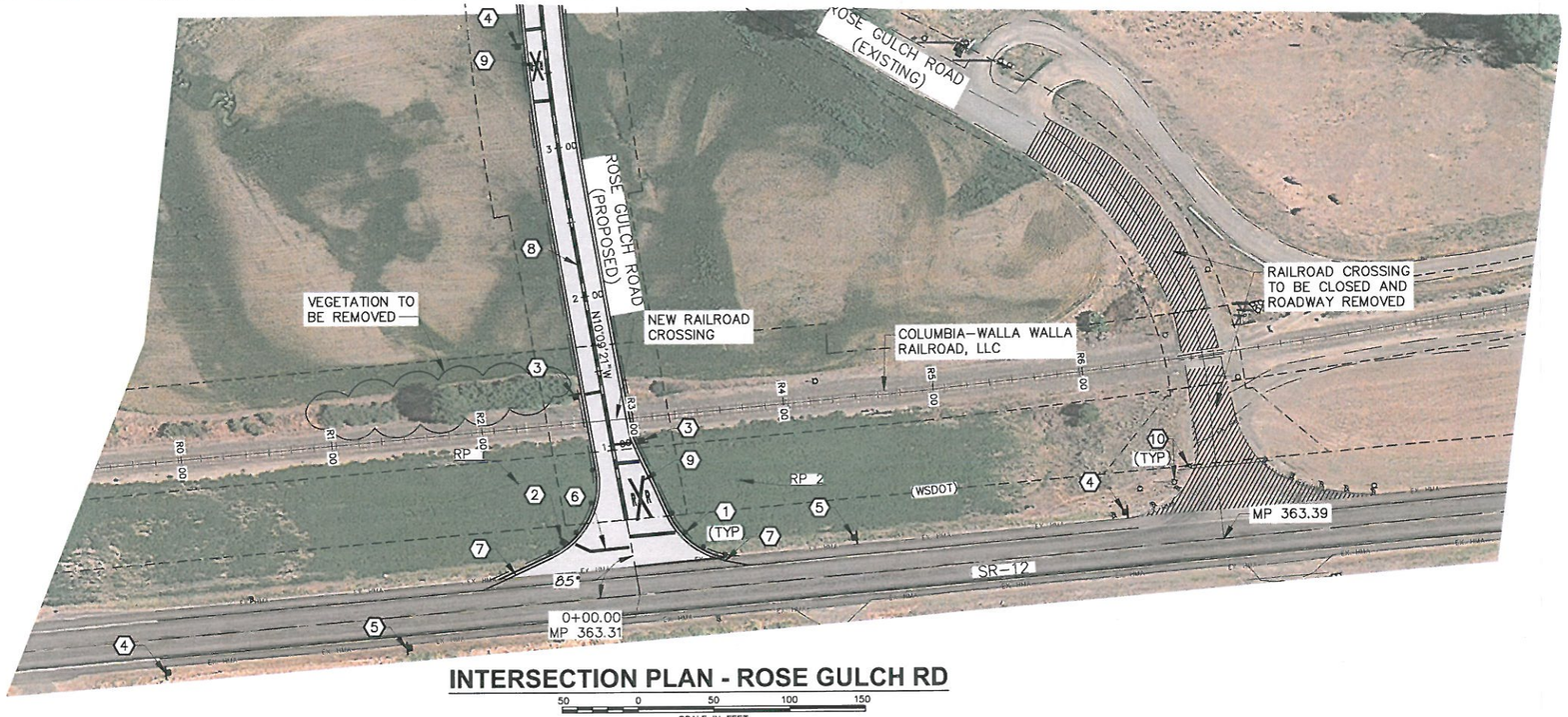
_____
Title

_____
Name of Company

971-888-6011 | PD@frontierrail.com
Phone number and e-mail address

425 SE 3rd Avenue, Suite #206

Portland, Oregon 97214
Mailing address



INTERSECTION PLAN - ROSE GULCH RD

50 0 50 100 150
SCALE IN FEET

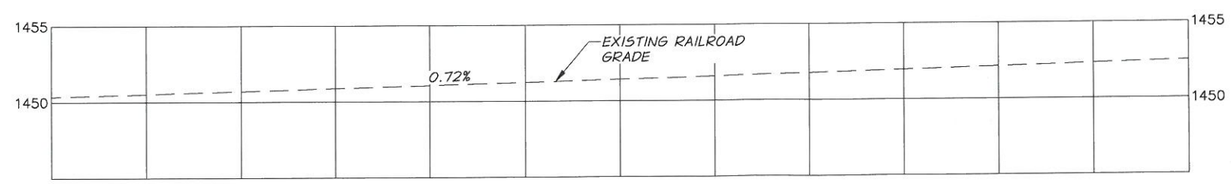
NOTES:

1. GUIDE POSTS PER WSDOT STD PLAN M-40.30-01.
2. MUTCD R1-1 SIGN (STOP)
3. MUTCD R15-1, R1-2 & I-3 SIGNS (RR CROSSBUCK, YIELD, EMERGENCY NOTIFICATION)
4. MUTCD W10-1 SIGN (RR CROSSING ADVANCE)
5. MUTCD W10-3 SIGN (PARALLEL RR CROSSING)
6. PLASTIC STOP BAR PER WSDOT STD PLAN M-24.60-04
7. PAINTED WHITE EDGE LINE PER WSDOT STD PLAN M-20.10-02
8. PAINTED DOUBLE YELLOW STRIPE PER WSDOT STD PLAN M-20.10-02
9. PAINTED RAILROAD CROSSING PER WSDOT STD PLAN M-11.10-02
10. REMOVE EXISTING SIGN AND GUIDE POSTS

RADIUS TABLE

RP	STA	OFFSET	LENGTH	RADIUS
RP 1	0+86.55	66.00' LT	65.7'	50.0'
RP 2	0+62.12	78.76' RT	46.3'	50.0'

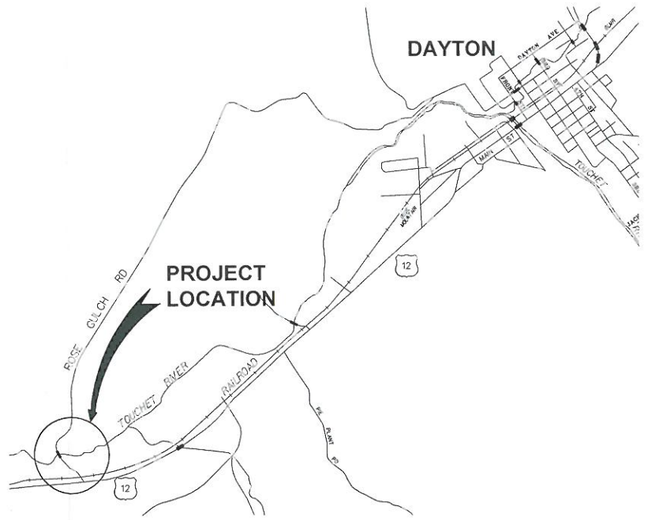
PROFILE - ROSE GULCH RD



PROFILE - RAILROAD

LEGEND

- RAILROAD TRACK
- RIGHT OF WAY
- EDGE OF GRAVEL
- EXISTING EDGE OF HMA
- EDGE OF ASPHALT
- EXISTING DELINEATOR
- PROPOSED DELINEATOR
- EXISTING SIGN
- PROPSED SIGN



VICINITY MAP

NTS

REVISION	BY	DATE

DESIGNED BY E. ZITTERKOPF
DRAWN BY –
REVIEWED BY –

20 0 20 40 60
HORIZONTAL SCALE IN FEET
5 0 5 10 15
VERTICAL SCALE IN FEET

JOB NUMBER 228-57 DATE APRIL 09 2018
ACAD FILE 228-57-60C-R01XX.DWG

FOR REVIEW ONLY
NOT FOR CONSTRUCTION

FEDERAL AID PROJECT NO: BROS-07RG(001)

anderson perry & associates, inc.
engineering · surveying · natural resources

COLUMBIA COUNTY
VERNON SMITH BRIDGE REPLACEMENT

RAILROAD INTERSECTION PLAN

SHEET 1
1 OF 1