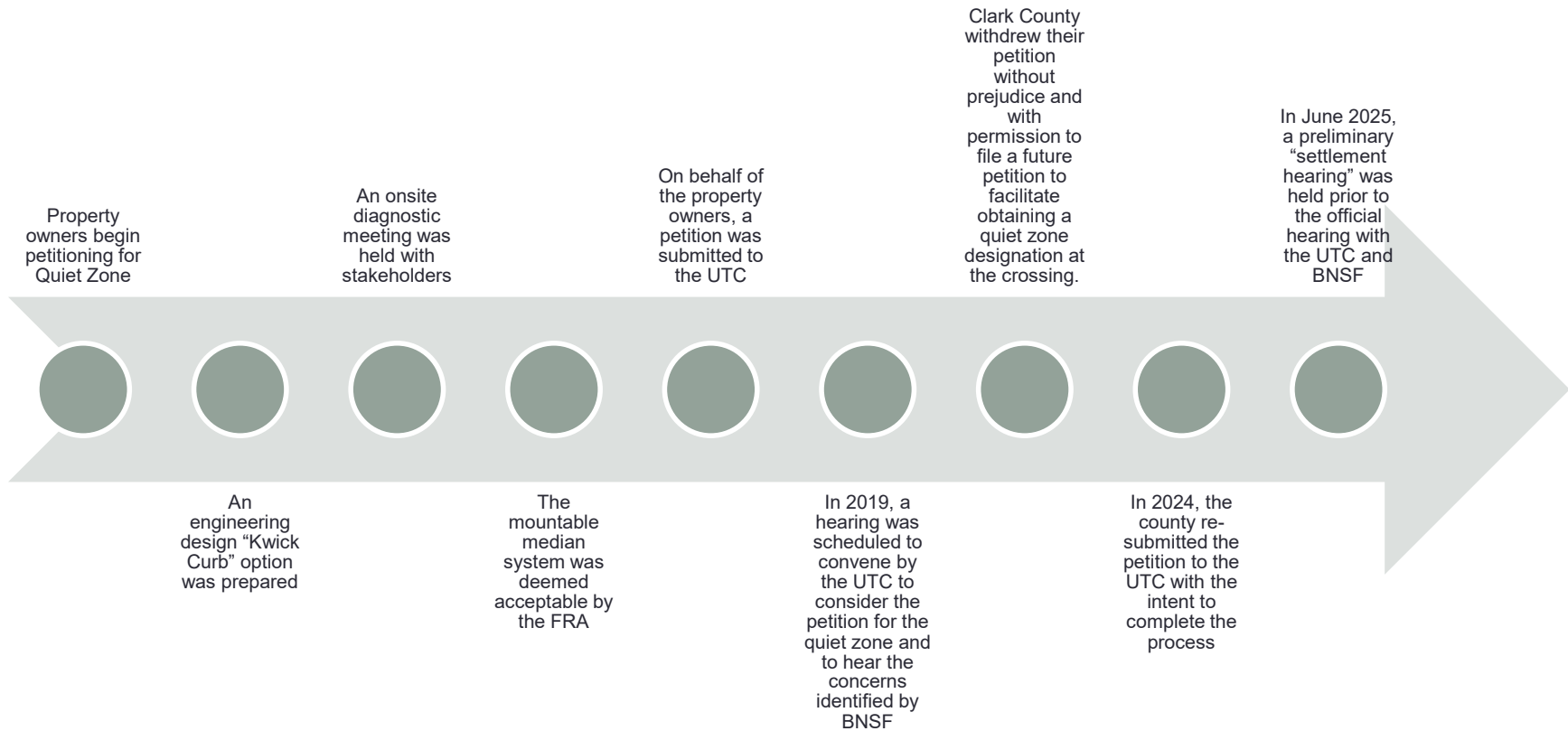


# NW 122<sup>nd</sup> St. Railroad Crossing Quiet Zone





# Project History



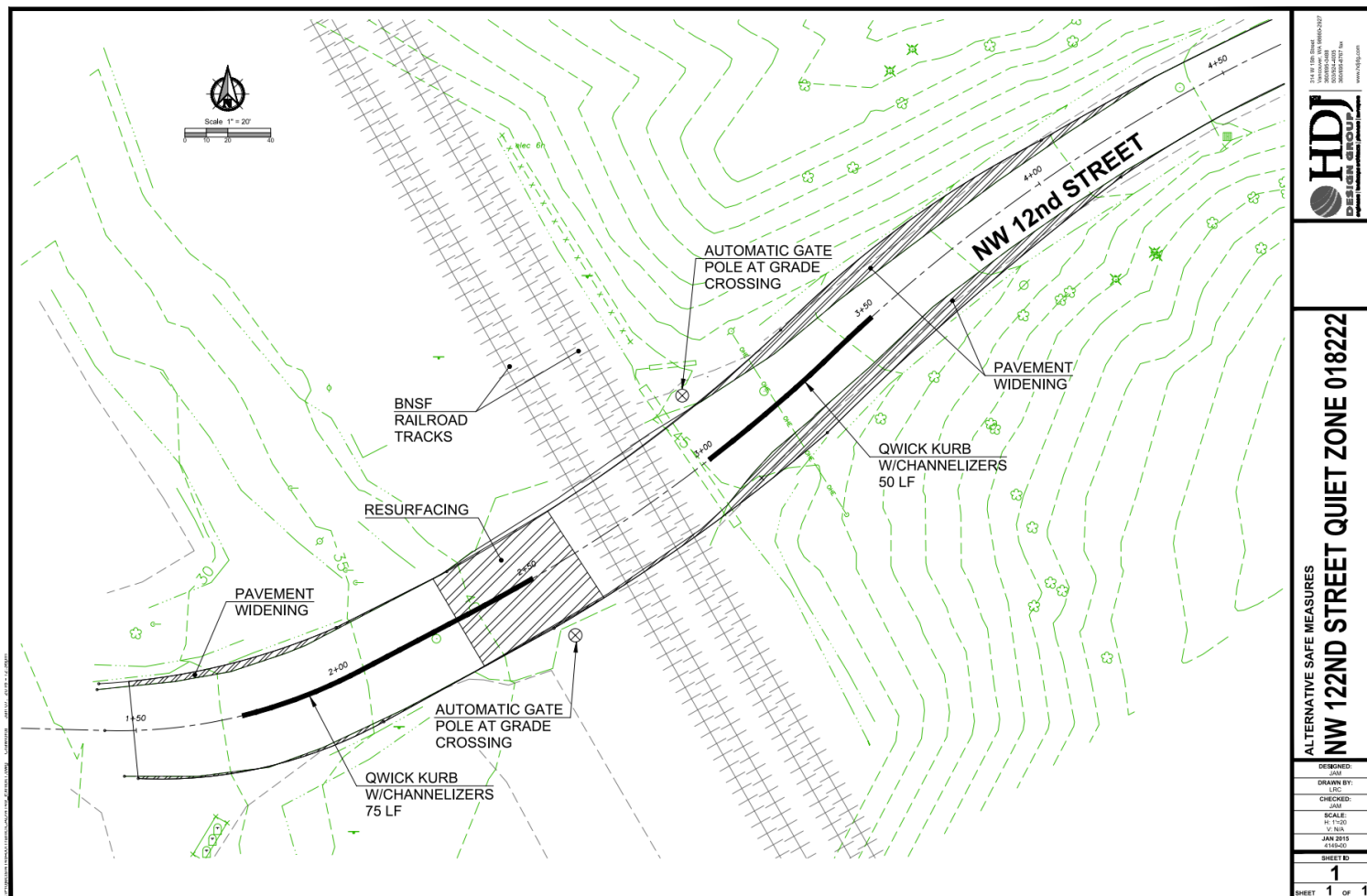
# NW 122<sup>nd</sup> Street Railroad Crossing



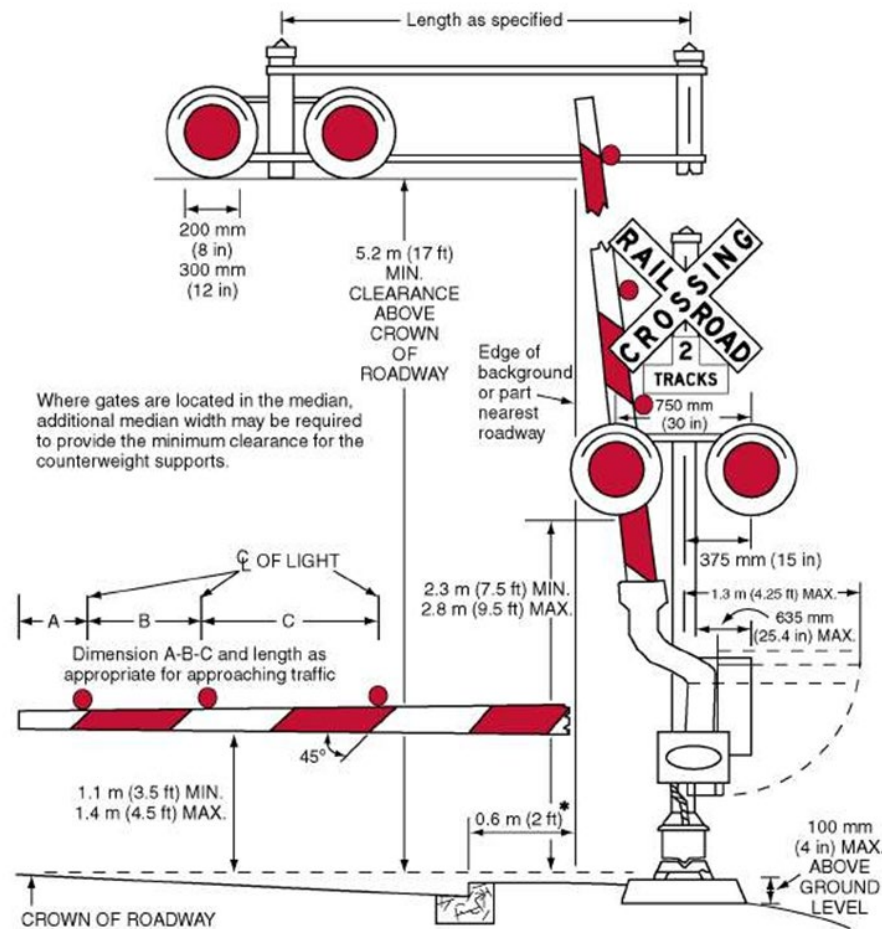
- According to a recent crossing inventory, on average, 39 trains traverse the crossing daily, including freight trains and passenger trains.
- The speed limit for trains traversing the crossing is 79 miles per hour for passenger trains and 60 miles per hour for freight trains.
- The Average Annual Daily Traffic (AADT) crossing the railroad tracks is estimated at 660 vehicles.



# Qwick Kurb Center Median Proposal



# BNSF “Quad-Gate” Preference



# Current Status

- In July 2025, with the concurrence of the neighborhood representatives, County staff once again submitted a request to withdraw their motion for a hearing. The motion was granted by the UTC in early August.
- In anticipation of updating the County Manager and County Council regarding the status of this issue and requesting direction regarding support for moving forward with another diagnostic team meeting and the submittal of a third petition to the UTC, staff have updated the anticipated cost estimates for the “Qwick Kurb Center Median” option, and with the assistance of BNSF staff, the “Quad-Gate” option.

Felida Quiet Zone  
# 018222  
Planning Level Estimate of Project Costs  
Channelization Option  
Roadway Estimate by: E&D Division

Estimate date: 9/2/2025

**Note:** Estimate does not include costs associated with staging, right of way, environmental permitting & mitigation, or potential BNSF project development, review process, and construction support costs. Unit costs for items derived from prior bid tabulations, WSDOT unit costs, and professional experience. Design not approved at time of this estimate and subject to change pending design approval.

Bid Item Number	Bid Item Description	Unit	Quantity	Unit Price	Total
1	MOBILIZATION	L.S.	1	10%	\$16,500.00
2	SPCC PLAN	L.S.	1	\$2,000.00	\$2,000.00
3	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1	\$60,000.00	\$60,000.00
4	CLEARING AND GRUBBING	L.S.	1	\$3,000.00	\$3,000.00
5	ROADWAY EXCAVATION INCL. HAUL	C.Y.	30	\$200.00	\$6,000.00
6	CRUSHED SURFACING BASE COURSE	TON	50	\$100.00	\$5,000.00
7	HMA CL. 1/2 IN. PG 64-22	TON	90	\$160.00	\$14,400.00
8	SAWCUT ASPHALT PAVEMENT	L.F.	300	\$20.00	\$6,000.00
9	CULVERT PIPE 24 IN. DIAM.	L.F.	6	\$300.00	\$1,800.00
10	TEMPORARY EROSION CONTROL	L.S.	1	\$2,000.00	\$2,000.00
11	PERMANENT EROSION CONTROL-QUARRY SPALLS	C.Y.	12	\$300.00	\$3,600.00
12	SEEDING	S.Y.	100	\$20.00	\$2,000.00
13	QWICK KURB	L.F.	125	\$400.00	\$50,000.00
14	PERMANENT STRIPING	L.S.	1	\$2,000.00	\$2,000.00
15	UTILITY ADJUSTMENT AND RELOCATION	L.S.	1	\$15,000.00	\$15,000.00
<b>SUBTOTAL</b>					<b>\$189,300.00</b>
<b>CONTINGENCIES</b>				<b>30.00%</b>	<b>\$57,000.00</b>
<b>CONSTRUCTION TOTAL</b>					<b>\$246,300.00</b>
<b>20% PE Cost (Rounded up to the nearest \$1K)</b>					<b>\$50,000.00</b>
<b>20% CM Cost (Rounded up to the nearest \$1K)</b>					<b>\$50,000.00</b>
<b>PLANNING LEVEL PROJECT COST (Rounded up to the nearest \$10K)</b>					<b>\$350,000.00</b>

Felida Quiet Zone  
# 018222  
Planning Level Estimate of Project Costs  
Quad Gate Option  
Roadway Estimate by: E&D Division

Estimate date: 9/2/2025

**Note:** Estimate does not include costs associated with staging, right of way, environmental permitting & mitigation, or potential BNSF track changes, project development, review process, and construction support costs. Unit costs for items derived from prior bid tabulations, WSDOT unit costs, and professional experience. Design not approved at time of this estimate and subject to change pending design approval.

Bid Item Number	Bid Item Description	Unit	Quantity	Unit Price	Total
1	MOBILIZATION	L.S.	1	10%	\$111,000.00
2	SPCC PLAN	L.S.	1	\$2,000.00	\$2,000.00
3	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1	\$240,000.00	\$240,000.00
4	CLEARING AND GRUBBING	L.S.	1	\$3,000.00	\$3,000.00
5	ROADWAY EXCAVATION INCL. HAUL	C.Y.	30	\$200.00	\$6,000.00
6	CRUSHED SURFACING BASE COURSE	TON	50	\$100.00	\$5,000.00
7	HMA CL. 1/2 IN. PG 64-22	TON	90	\$160.00	\$14,400.00
8	SAWCUT ASPHALT PAVEMENT	L.F.	300	\$20.00	\$6,000.00
9	CULVERT PIPE 24 IN. DIAM.	L.F.	6	\$300.00	\$1,800.00
10	TEMPORARY EROSION CONTROL	L.S.	1	\$2,000.00	\$2,000.00
11	PERMANENT EROSION CONTROL-QUARRY SPALLS	C.Y.	12	\$300.00	\$3,600.00
12	SEEDING	S.Y.	100	\$20.00	\$2,000.00
13	QUAD GATE	L.S.	1	\$750,000.00	\$750,000.00
14	PERMANENT STRIPING	L.S.	1	\$5,000.00	\$5,000.00
15	PERMANENT SIGNING	L.S.	1	\$10,000.00	\$10,000.00
16	UTILITY ADJUSTMENT AND RELOCATION	L.S.	1	\$15,000.00	\$15,000.00

<b>SUBTOTAL</b>		<b>\$1,176,800.00</b>
<b>CONTINGENCIES</b>	<b>30.00%</b>	<b>\$354,000.00</b>
<b>CONSTRUCTION TOTAL</b>		<b>\$1,530,800.00</b>

<b>20% PE Cost</b> (Rounded up to the nearest \$1K)	<b>\$307,000.00</b>
<b>20% CM Cost</b> (Rounded up to the nearest \$1K)	<b>\$307,000.00</b>

<b>PLANNING LEVEL PROJECT COST</b> (Rounded up to the nearest \$10K)	<b>\$2,150,000.00</b>
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# Questions/Discussion/Direction