

Exhibit No. ____ (PC-9)
Docket TR-150189
Witness: Paul Curl

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

BNSF RAILWAY COMPANY

Petitioner

v.

WHATCOM COUNTY

Respondent.

DOCKET TR-150189

**EXHIBIT TO
TESTIMONY OF**

PAUL CURL

**STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION**

*USDOT "Railroad-Highway Grade Crossing Handbook"
(Aug. 2007 Revised 2nd Ed.), Section III, Table 32*

September 21, 2015

Table 32. Sight Distances for Combinations of Highway Vehicle and Train Speeds, U.S. Customary

	Case B: Departure from stop	Case A: Moving vehicle							
	Vehicle speed (mph)								
Train speed (mph)	0	10	20	30	40	50	60	70	80
	Distance along railroad from crossing, d_r (feet)								
10	240	146	106	99	100	105	111	118	126
20	480	293	212	198	200	209	222	236	252
30	721	439	318	297	300	314	333	355	378
40	961	585	424	396	401	419	444	473	504
50	1201	732	530	494	501	524	555	591	630
60	1441	878	636	593	601	628	666	709	756
70	1681	1024	742	692	701	733	777	828	882
80	1921	1171	848	791	801	833	888	946	1008
90	2162	1317	954	890	901	943	999	1064	1134
	Distance along highway from crossing, d_H (feet)								
		69	135	220	324	447	589	751	931

Source: From A Policy on Geometric Design of Highway and Streets, 2004, by the American Association of State Highway and Transportation Officials, Washington, DC. Used by permission.