

Freight and Passenger Rail Operations Coordination Webinar

DJ Mitchell

September 21, 2017

Commuter Service over BNSF



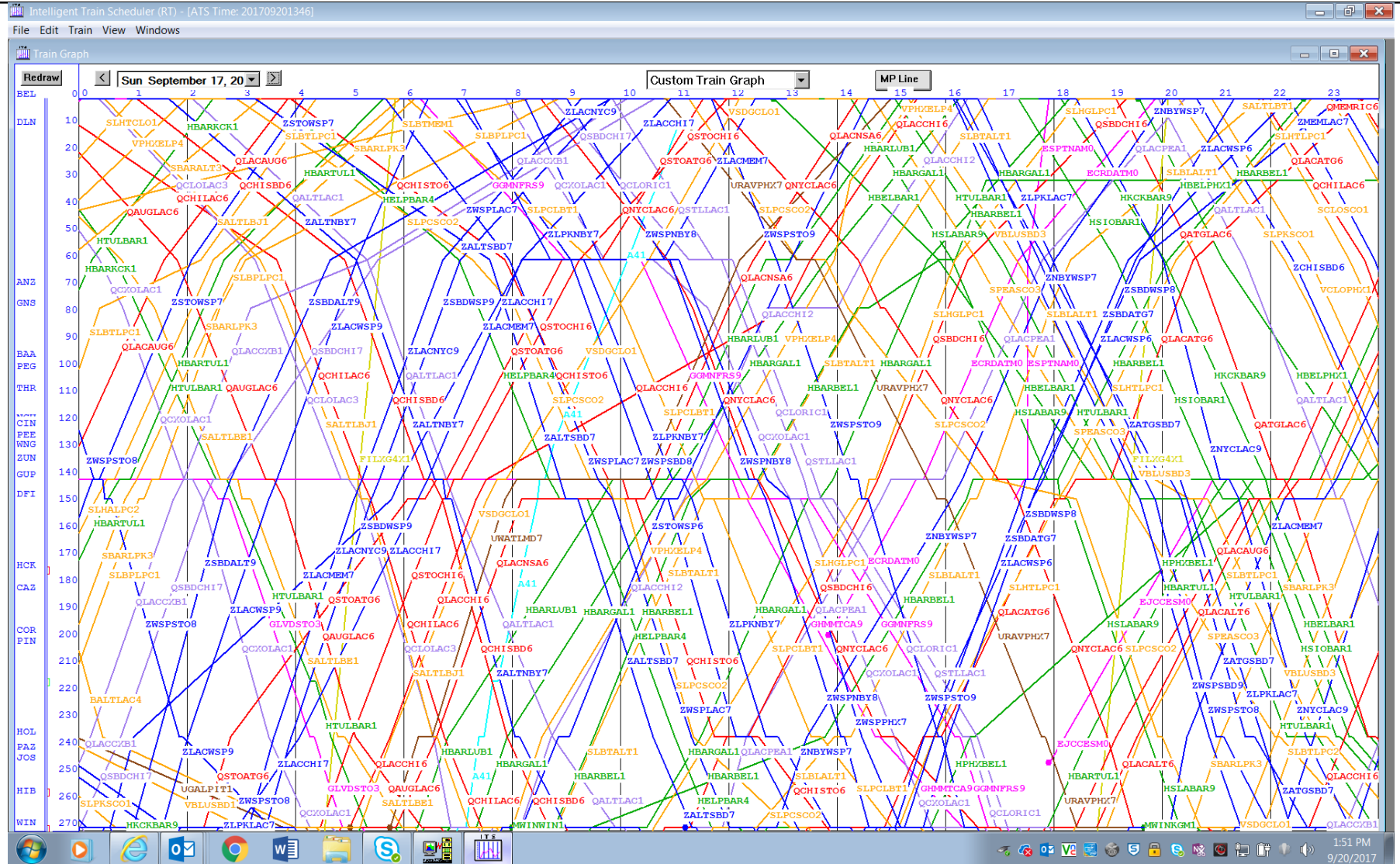
Amtrak Service over BNSF



- Long Distance
- State Funded
- Short Distance BNSF/Long Distance AMTRAK



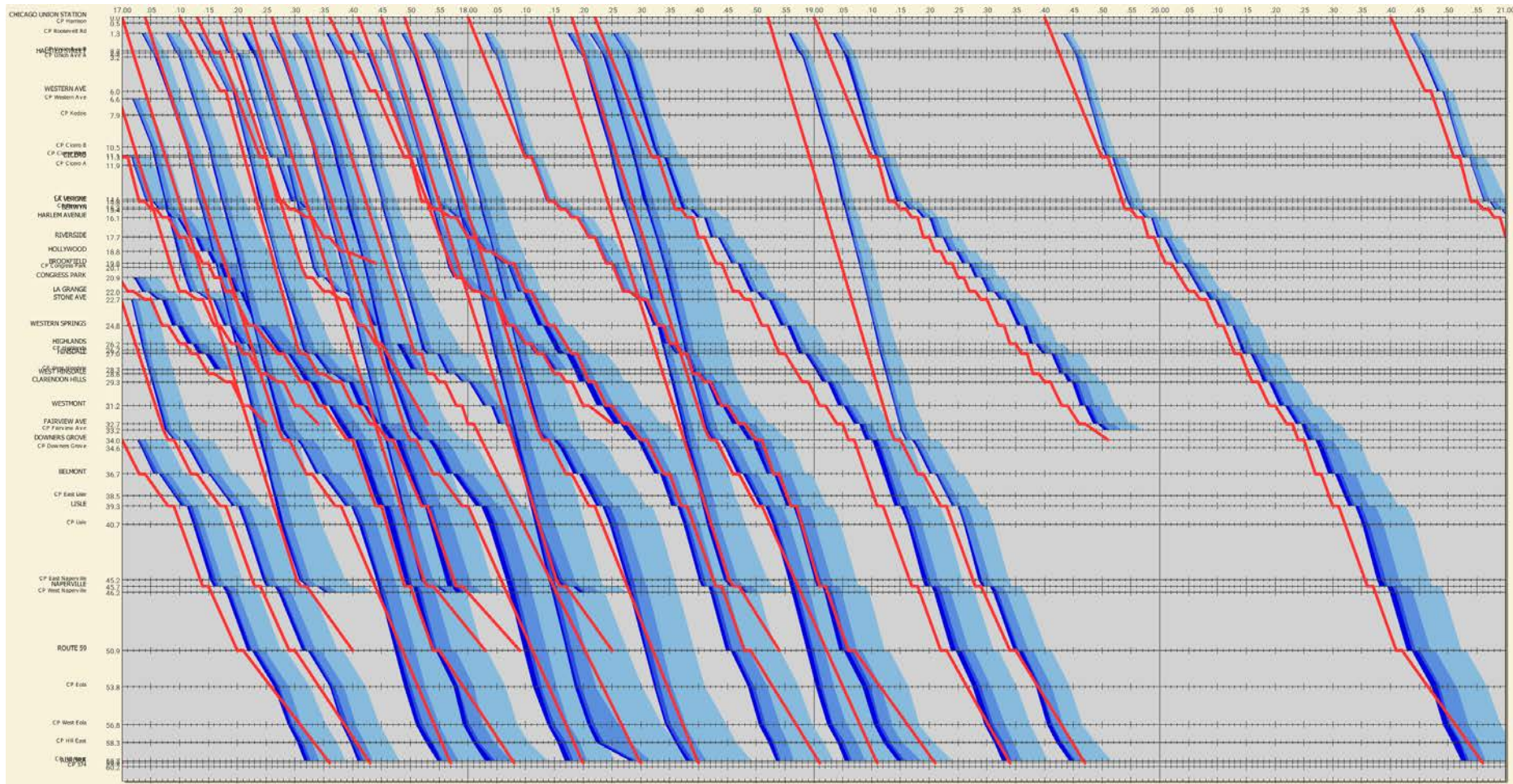
Train Operations - Seligman Subdivision



Chicago Commuter Operations

Evaluation of Effect on Operations Outbound 17:00-21:00

- Old Schedule
- Quick-Fix Schedule
- Distribution of Actual Runs (Oct 2016 – Jun 2017)



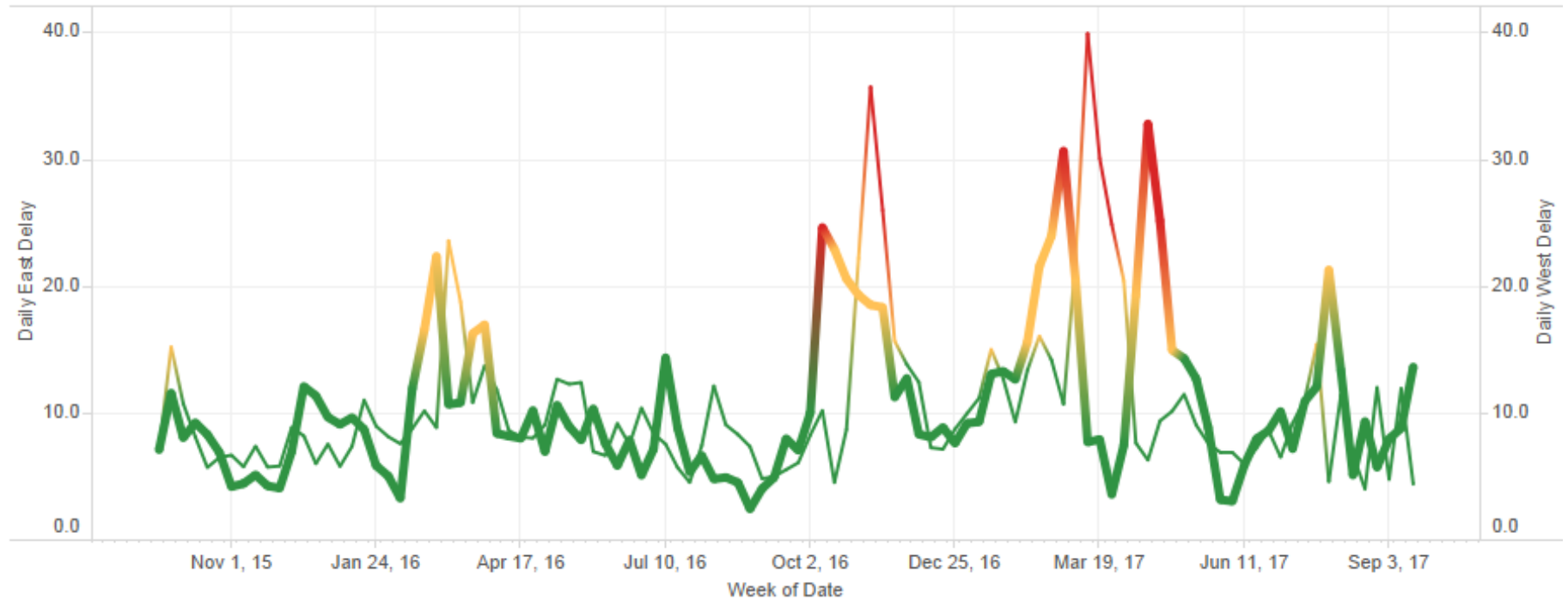
Slow Orders in Pacific Northwest – 2015 - 2017

Seattle/Portland-

Yellow-Above 14.5" recovery (5" Basic + 9.5" BNSF 1/2)

Red-Above 24" recovery (5" Basic + 19" recovery)

Lines-West thick, East thin



WSDOT SOA Compliance

Cascade South SOA 2016 Analysis

Portland / Seattle

Cascade Totals	Freight Trn Intf		Passenger Trn Intf		Freight Failure		CTC Issues		Derailments		Maintenance Issues		Other Issues		Signal Issues		Speed Restrictions		Switch Issues		Crossover Moves		Total		Avg Mins Per Trn
	Mins	# Inc	Mins	# Inc	Mins	# Inc	Mins	# Inc	Mins	# Inc	Mins	# Inc	Mins	# Inc	Mins	# Inc	Mins	# Inc	Mins	# Inc	Mins	# Inc	Mins	# Inc	
	Jan	896	134	669	119	14	1	0	0	0	0	248	61	0	0	423	83	580	223	15	1	293	140	3138	
Feb	542	93	634	96	42	2	0	0	0	0	312	76	0	0	292	79	557	190	35	1	255	128	2669	665	11.5
Mar	765	131	722	118	40	1	0	0	0	0	554	108	0	0	551	114	812	250	69	2	259	140	3772	864	15.2
Qtr TTL	2203	358	2025	333	96	4	0	0	0	0	1114	245	0	0	1266	276	1949	663	119	4	807	408	9579	2291	13.1
MO AVG	734	119	675	111	32	1	0	0	0	0	371	82	0	0	422	92	650	221	40	1	269	136	3193	764	13.1
Apr	493	103	901	118	0	0	0	0	0	0	652	98	0	0	273	63	542	162	0	0	308	149	3169	693	13.2
May	597	108	547	88	88	1	0	0	0	0	313	75	0	0	373	73	619	227	0	0	405	151	2942	723	11.9
Jun	650	113	894	133	0	0	0	0	0	0	453	92	0	0	580	90	489	187	32	1	343	151	3441	767	14.3
Qtr TTL	1740	324	2342	339	88	1	0	0	0	0	1418	265	0	0	1226	226	1650	576	32	1	1056	451	9552	2183	13.1
MO AVG	580	108	781	113	29	0	0	0	0	0	473	88	0	0	409	75	550	192	11	0	352	150	3184	728	13.1
Jul	553	114	817	106	0	0	0	0	0	0	334	77	0	0	363	90	551	195	0	0	354	154	2972	736	12.0
Aug	734	133	772	120	0	0	0	0	0	0	214	58	0	0	534	108	483	177	0	0	358	169	3095	765	12.5
Sep	740	173	600	101	0	0	0	0	0	0	339	119	0	0	466	110	735	351	0	0	902	545	3782	1399	15.8
Qtr TTL	2027	420	2189	327	0	0	0	0	0	0	887	254	0	0	1363	308	1769	723	0	0	1614	868	9849	2900	13.4
MO AVG	676	140	730	109	0	0	0	0	0	0	296	85	0	0	454	103	590	241	0	0	538	289	3283	967	13.4
Oct	1452	291	897	153	65	2	10	1	0	0	723	190	5	1	504	118	2463	793	0	0	1021	554	7140	2103	28.8
Nov	1431	267	1111	164	0	0	0	0	0	0	274	107	0	0	653	115	3281	998	0	0	1008	556	7758	2207	32.3
Dec	1276	290	1038	180	0	0	13	2	0	0	687	139	0	0	576	110	1859	554	0	0	910	474	6359	1749	25.6
Qtr TTL	4159	848	3046	497	65	2	23	3	0	0	1684	436	5	1	1733	343	7603	2345	0	0	2939	1584	21257	6059	28.9
MO AVG	1386	283	1015	166	22	1	8	1	0	0	561	145	2	0	578	114	2534	782	0	0	980	528	7086	2020	28.9
YTD MO AVG	844	163	800	125	21	1	2	0	0	0	425	100	0	0	466	96	1081	359	13	0	535	276	4186	1119	17.1
BNSF Responsible Delay Ceiling							Base	After Completed Phase 1	After Completed Phase 2	After Completed Phase 3	After Completed Phase 4														
							19.8	18.6	17.8	16	15.9														

