

Setup and data entry:


- 1 Turn calculation to Manual on Formulas tab.
- 2 Enter intersection numbers on Setup tab.
- 3 Enter peak names (up to 4) on Setup tab.
- 4 Enter peak time range start/end on Setup tab.
- 5 Enter TMC info (dates, times, , INTIDS, movements) on Cars+ tab (columns A-C, Row 3).
- 6 Enter TMC volumes in Cars+ and Trucks tabs.
- 7 Verify valid data by checking the graphs tabs (EW, NS, All) and tracking tab. Make sure to refresh the data by clicking on the graph and selecting 'Refresh' under the 'Analyze' tab.
- 8 Use the PkHr tab to determine each peak hour (shown in columns I-L). The bottom of the columns include a mode and median peak hour. The times shown are the start of the peak hour.
- 9 Enter peak hour start times on Setup tab. The peak hour end time is calculated automatically.
- 11 Turn calculation to Automatic on Formulas tab.
- 12 Click the 'Refresh Graphs and Filters' button on the Setup tab.
- 13 Save.

Data exporting to CSV and importing into Synchro:

- 1 Determine which tab to export:

A	PkHr60 tab: peak hour volumes in 60-minute bins. General traffic study use.
B	PkHr60.5 tab: Same, rounded to nearest 5 vehicles.
C	PkHr15 tab: peak hour volumes in 15 minute bins. Use when peak hour factor will be determined by Synchro on import.
D	PkHr15rd tab: Same, rounded to nearest 5 vehicles.
E	PkHr15x4 tab: peak 15-minutes of peak HOUR multiplied by 4. Used on MnDOT signal timing projects. PHF must be set to 1 in Synchro to use this method. Copy over only Columns A-W.
F	PkPd15x4 tab: peak 15-minutes of peak PERIOD multiplied by 4. Used on MnDOT signal timing projects. PHF must be set to 1 in Synchro to use this method. Copy over only Columns A-W.
G	TPPPam: AM Peak Hour Truck Percentages, Conflicting Ped Volumes, and Peak Hour Factor. Use Either PHF or PPF Rows (relabel as PHF), not both. Copy over only Columns A-V.
H	TPPPm: Same, for Midday peak hour.
I	TPPPpm: Same, for PM peak hour.
J	TPPPzz: Same, for other peak hour.
- 2 On the desired tab(s), select desired data records using filters in cells A1 and B1.
- 3 Copy the data from the desired tab to a fresh workbook. Eliminate U-turn and ped columns if desired. Save as a CSV.
- 4 Import CSV files into Synchro as follows:
 - A-F Hit Ctrl-D in Synchro. Click on Read Volumes tab and follow instructions.
 - G-J Use Synchro 'Merge' functionality (file menu).

Legend:

 fields to fill in by the user

Peak	Range	Range	Peak Hour	Peak Hour
Start	End	Start	End	End
AM	800	900	715	800
MD	1100	1300	1200	1245
PM	1500	1800	1645	1730
ZZ	0	0	0	45

Heavy Vehicle Percentages:

2%	Minimum
20%	Maximum

Peak Hour Factor:

0.25	Minimum
1.00	Maximum

Peak Period Factor:

0.25	Minimum
1.00	Maximum

Refresh Graph Data

Index	INTID	Interval	LookUp	Row	4x40			16x40			1x40x4			Conflicting Ped LookUp
					INTID	PEAK	TIME	INTID	PEAK	TIME	INTID	PEAK	TIME	
1	270	1	270	1	270	ZZ	715	270	AM	715	270	AM	715	Mvmt
2	280	2	270 MD	2	270	MD	1200	270	AM	730	280	AM	715	Nped
3	290	3	15 30 45 100	3	270	PM	1645	270	AM	745	290	AM	715	SBR
4		4	30 45 100 115	4	270	ZZ	0	270	AM	800	0	AM	715	SBT
5		5	45 100 115 130	5	280	AM	715	270	MD	1200	0	AM	715	SBL
6		6	100 115 130 145	6	280	MD	1200	270	MD	1215	0	AM	715	SBU
7		7	115 130 145 200	7	280	PM	1645	270	MD	1230	0	AM	715	Eped
8		8	130 145 200 215	8	280	ZZ	0	270	MD	1245	0	AM	715	WBR
9		9	145 200 215 230	9	290	AM	715	270	PM	1645	0	AM	715	WBT
10		10	200 215 230 245	10	290	MD	1200	270	PM	1700	0	AM	715	WBL
11		11	215 230 245 300	11	290	PM	1645	270	PM	1715	0	AM	715	WBU
12		12	230 245 300 315	12	290	ZZ	0	270	PM	1730	0	AM	715	Sped
13		13	245 300 315 330	13	0	AM	715	270	ZZ	0	0	AM	715	NBR
14		14	300 315 330 345	14	0	MD	1200	270	ZZ	15	0	AM	715	NBT
15		15	315 330 345 400	15	0	PM	1645	270	ZZ	30	0	AM	715	NBL
16		16	330 345 400 415	16	0	ZZ	0	270	ZZ	45	0	AM	715	NBU
17		17	345 400 415 430	17	0	AM	715	280	AM	715	0	AM	715	Wped
18		18	400 415 430 445	18	0	MD	1200	280	AM	730	0	AM	715	EBR
19		19	415 430 445 500	19	0	PM	1645	280	AM	745	0	AM	715	EBT
20		20	430 445 500 515	20	0	ZZ	0	280	AM	800	0	AM	715	EBL
21		21	445 500 515 530	21	0	AM	715	280	MD	1200	0	AM	715	EBU
22		22	500 515 530 545	22	0	MD	1200	280	MD	1215	0	AM	715	
23		23	515 530 545 600	23	0	PM	1645	280	MD	1230	0	AM	715	
24		24	530 545 600 615	24	0	ZZ	0	280	MD	1245	0	AM	715	
25		25	545 600 615 630	25	0	AM	715	280	PM	1645	0	AM	715	
26		26	600 615 630 645	26	0	MD	1200	280	PM	1700	0	AM	715	
27		27	615 630 645 700	27	0	PM	1645	280	PM	1715	0	AM	715	
28		28	630 645 700 715	28	0	ZZ	0	280	PM	1730	0	AM	715	
29		29	645 700 715 730	29	0	AM	715	280	ZZ	0	0	AM	715	
30		30	700 715 730 745	30	0	MD	1200	280	ZZ	15	0	AM	715	
31		31	715 730 745 800	31	0	PM	1645	280	ZZ	30	0	AM	715	
32		32	730 745 800 815	32	0	ZZ	0	280	ZZ	45	0	AM	715	
33		33	745 800 815 830	33	0	AM	715	290	AM	715	0	AM	715	
34		34	800 815 830 845	34	0	MD	1200	290	AM	730	0	AM	715	
35		35	815 830 845 900	35	0	PM	1645	290	AM	745	0	AM	715	
36		36	830 845 900 915	36	0	ZZ	0	290	AM	800	0	AM	715	
37		37	845 900 915 930	37	0	AM	715	290	MD	1200	0	AM	715	
38		38	900 915 930 945	38	0	MD	1200	290	MD	1215	0	AM	715	
39		39	915 930 945 1000	39	0	PM	1645	290	MD	1230	0	AM	715	
40		40	930 945 1000 1015	40	0	ZZ	0	290	MD	1245	0	AM	715	
			945 1000 1015 1030	41	0	AM	715	290	PM	1645	270	MD	1200	
			1000 1015 1030 1045	42	0	MD	1200	290	PM	1700	280	MD	1200	
			1015 1030 1045 1100	43	0	PM	1645	290	PM	1715	290	MD	1200	
			1030 1045 1100 1115	44	0	ZZ	0	290	PM	1730	0	MD	1200	
			1045 1100 1115 1145	45	0	AM	715	290	ZZ	0	0	MD	1200	
			1100 1115 1130 1145	46	0	MD	1200	290	ZZ	15	0	MD	1200	
			1115 1130 1145 1200	47	0	PM	1645	290	ZZ	30	0	MD	1200	
			1130 1145 1200 1215	48	0	ZZ	0	290	ZZ	45	0	MD	1200	
			1145 1200 1215 1230	49	0	AM	715	0	AM	715	0	MD	1200	
			1200 1215 1230 1245	50	0	MD	1200	0	AM	730	0	MD	1200	
			1215 1230 1245 1300	51	0	PM	1645	0	AM	745	0	MD	1200	
			1230 1245 1300 1315	52	0	ZZ	0	0	AM	800	0	MD	1200	
			1245 1300 1315 1330	53	0	AM	715	0	MD	1200	0	MD	1200	
			1300 1315 1330 1345	54	0	MD	1200	0	MD	1215	0	MD	1200	
			1315 1330 1345 1400	55	0	PM	1645	0	MD	1230	0	MD	1200	
			1330 1345 1400 1415	56	0	ZZ	0	0	MD	1245	0	MD	1200	
			1345 1400 1415 1430	57	0	AM	715	0	PM	1645	0	MD	1200	
			1400 1415 1430 1445	58	0	MD	1200	0	PM	1700	0	MD	1200	
			1415 1430 1445 1500	59	0	PM	1645	0	PM	1715	0	MD	1200	
			1430 1445 1500 1515	60	0	ZZ	0	0	PM	1730	0	MD	1200	
			1445 1500 1515 1530	61	0	AM	715	0	ZZ	0	0	MD	1200	
			1500 1515 1530 1545	62	0	MD	1200	0	ZZ	15	0	MD	1200	
			1515 1530 1545 1600	63	0	PM	1645	0	ZZ	30	0	MD	1200	
			1530 1545 1600 1615	64	0	ZZ	0	0	ZZ	45	0	MD	1200	
			1545 1600 1615 1630	65	0	AM	715	0	AM	715	0	MD	1200	
			1600 1615 1630 1645	66	0	MD	1200	0	AM	730	0	MD	1200	
			1615 1630 1645 1700	67	0	PM	1645	0	AM	745	0	MD	1200	
			1630 1645 1700 1715	68	0	ZZ	0	0	AM	800	0	MD	1200	
			1645 1700 1715 1730	69	0	AM	715	0	MD	1200	0	MD	1200	
			1700 1715 1730 1745	70	0	MD	1200	0	MD	1215	0	MD	1200	
			1715 1730 1745 1800	71	0	PM	1645	0	MD	1230	0	MD	1200	
			1730 1745 1800 1815	72	0	ZZ	0	0	MD	1245	0	MD	1200	
			1745 1800 1815 1830	73	0	AM	715	0	PM	1645	0	MD	1200	
			1800 1815 1830 1845	74	0	MD	1200	0	PM	1700	0	MD	1200	
			1815 1830 1845 1900	75	0	PM	1645	0	PM	1715	0	MD	1200	
			1830 1845 1900 1915	76	0	ZZ	0	0	PM	1730	0	MD	1200	
			1845 1900 1915 1930	77	0	AM	715	0	ZZ	0	0	MD	1200	
			1900 1915 1930 1945	78	0	MD	1200	0	ZZ	15	0	MD	1200	
			1915 1930 1945 2000	79	0	PM	1645	0	ZZ	30	0	MD	1200	
			1930 1945 2000 2015	80	0	ZZ	0	0	ZZ	45	0	MD	1200	
			1945 2000 2015 2030	81	0	AM	715	0	AM	715	270	PM	1645	
			2000 2015 2030 2045	82	0	MD	1200	0	AM	730	280	PM	1645	
			2015 2030 2045 2100	83	0	PM	1645	0	AM	745	290	PM	1645	
			2030 2045 2100 2115	84	0	ZZ	0	0	AM	800	0	PM	1645	
			2045 2100 2115 2130	85	0	AM	715	0	MD	1200	0	PM	1645	
			2100 2115 2130 2145	86	0	MD	1200	0	MD	1215	0	PM	1645	
			2115 2130 2145 2200	87	0	PM	1645	0	MD	1230	0	PM	1645	
			2130 2145 2200 2215	88	0	ZZ	0	0	MD	1245	0	PM	1645	
			2145 2200 2215 2230	89	0	AM	715	0	PM	1645	0	PM	1645	
			2200 2215 2230 2245	90	0	MD	1200	0	PM	1700	0	PM	1645	
			2215 2230 2245 2300	91	0	PM	1645	0	PM	1715	0	PM	1645	
			2230 2245 2300 2315	92	0	ZZ	0	0	PM	1730	0	PM	1645	
			2245 2300 2315 2330	93	0	AM	715	0	ZZ	0	0	PM	1645	
			2300 2315 2330 2345	94	0	MD	1200	0	ZZ	15	0	PM	1645	
			2315 2330 2345 0	95	0	PM	1645	0	ZZ	30	0	PM	1645	
			2330 2345 0 15	96	0	ZZ	0	0	ZZ	45	0	PM	1645	
			2345 0 15 30	97	0	AM	715	0	AM	715	0	PM	1645	
				98	0	MD	1200	0	AM	730	0	PM	1645	
				99	0	PM	1645	0	AM	745	0	PM	1645	
				100	0									

136	0 ZZ	0	0 MD	1245	0 ZZ	0
137	0 AM	715	0 PM	1645	0 ZZ	0
138	0 MD	1200	0 PM	1700	0 ZZ	0
139	0 PM	1645	0 PM	1715	0 ZZ	0
140	0 ZZ	0	0 PM	1730	0 ZZ	0
141	0 AM	715	0 ZZ	0	0 ZZ	0
142	0 MD	1200	0 ZZ	15	0 ZZ	0
143	0 PM	1645	0 ZZ	30	0 ZZ	0
144	0 ZZ	0	0 ZZ	45	0 ZZ	0
145	0 AM	715	0 AM	715	0 ZZ	0
146	0 MD	1200	0 AM	730	0 ZZ	0
147	0 PM	1645	0 AM	745	0 ZZ	0
148	0 ZZ	0	0 AM	800	0 ZZ	0
149	0 AM	715	0 MD	1200	0 ZZ	0
150	0 MD	1200	0 MD	1215	0 ZZ	0
151	0 PM	1645	0 MD	1230	0 ZZ	0
152	0 ZZ	0	0 MD	1245	0 ZZ	0
153	0 AM	715	0 PM	1645	0 ZZ	0
154	0 MD	1200	0 PM	1700	0 ZZ	0
155	0 PM	1645	0 PM	1715	0 ZZ	0
156	0 ZZ	0	0 PM	1730	0 ZZ	0
157	0 AM	715	0 ZZ	0	0 ZZ	0
158	0 MD	1200	0 ZZ	15	0 ZZ	0
159	0 PM	1645	0 ZZ	30	0 ZZ	0
160	0 ZZ	0	0 ZZ	45	0 ZZ	0
161			0 AM	715		
162			0 AM	730		
163			0 AM	745		
164			0 AM	800		
165			0 MD	1200		
166			0 MD	1215		
167			0 MD	1230		
168			0 MD	1245		
169			0 PM	1645		
170			0 PM	1700		
171			0 PM	1715		
172			0 PM	1730		
173			0 ZZ	0		
174			0 ZZ	15		
175			0 ZZ	30		
176			0 ZZ	45		
177			0 AM	715		
178			0 AM	730		
179			0 AM	745		
180			0 AM	800		
181			0 MD	1200		
182			0 MD	1215		
183			0 MD	1230		
184			0 MD	1245		
185			0 PM	1645		
186			0 PM	1700		
187			0 PM	1715		
188			0 PM	1730		
189			0 ZZ	0		
190			0 ZZ	15		
191			0 ZZ	30		
192			0 ZZ	45		
193			0 AM	715		
194			0 AM	730		
195			0 AM	745		
196			0 AM	800		
197			0 MD	1200		
198			0 MD	1215		
199			0 MD	1230		
200			0 MD	1245		
201			0 PM	1645		
202			0 PM	1700		
203			0 PM	1715		
204			0 PM	1730		
205			0 ZZ	0		
206			0 ZZ	15		
207			0 ZZ	30		
208			0 ZZ	45		
209			0 AM	715		
210			0 AM	730		
211			0 AM	745		
212			0 AM	800		
213			0 MD	1200		
214			0 MD	1215		
215			0 MD	1230		
216			0 MD	1245		
217			0 PM	1645		
218			0 PM	1700		
219			0 PM	1715		
220			0 PM	1730		
221			0 ZZ	0		
222			0 ZZ	15		
223			0 ZZ	30		
224			0 ZZ	45		
225			0 AM	715		
226			0 AM	730		
227			0 AM	745		
228			0 AM	800		
229			0 MD	1200		
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231			0 MD	1230		
232			0 MD	1245		
233			0 PM	1645		
234			0 PM	1700		
235			0 PM	1715		
236			0 PM	1730		
237			0 ZZ	0		
238			0 ZZ	15		
239			0 ZZ	30		
240			0 ZZ	45		
241			0 AM	715		
242			0 AM	730		
243			0 AM	745		
244			0 AM	800		
245			0 MD	1200		
246			0 MD	1215		
247			0 MD	1230		
248			0 MD	1245		
249			0 PM	1645		
250			0 PM	1700		
251			0 PM	1715		
252			0 PM	1730		
253			0 ZZ	0		
254			0 ZZ	15		
255			0 ZZ	30		
256			0 ZZ	45		
257			0 AM	715		
258			0 AM	730		
259			0 AM	745		
260			0 AM	800		
261			0 MD	1200		
262			0 MD	1215		
263			0 MD	1230		
264			0 MD	1245		
265			0 PM	1645		
266			0 PM	1700		
267			0 PM	1715		
268			0 PM	1730		
269			0 ZZ	0		
270			0 ZZ	15		
271			0 ZZ	30		
272			0 ZZ	45		
273			0 AM	715		

274	0 AM	730
275	0 AM	745
276	0 AM	800
277	0 MD	1200
278	0 MD	1215
279	0 MD	1230
280	0 MD	1245
281	0 PM	1645
282	0 PM	1700
283	0 PM	1715
284	0 PM	1730
285	0 ZZ	0
286	0 ZZ	15
287	0 ZZ	30
288	0 ZZ	45
289	0 AM	715
290	0 AM	730
291	0 AM	745
292	0 AM	800
293	0 MD	1200
294	0 MD	1215
295	0 MD	1230
296	0 MD	1245
297	0 PM	1645
298	0 PM	1700
299	0 PM	1715
300	0 PM	1730
301	0 ZZ	0
302	0 ZZ	15
303	0 ZZ	30
304	0 ZZ	45
305	0 AM	715
306	0 AM	730
307	0 AM	745
308	0 AM	800
309	0 MD	1200
310	0 MD	1215
311	0 MD	1230
312	0 MD	1245
313	0 PM	1645
314	0 PM	1700
315	0 PM	1715
316	0 PM	1730
317	0 ZZ	0
318	0 ZZ	15
319	0 ZZ	30
320	0 ZZ	45
321	0 AM	715
322	0 AM	730
323	0 AM	745
324	0 AM	800
325	0 MD	1200
326	0 MD	1215
327	0 MD	1230
328	0 MD	1245
329	0 PM	1645
330	0 PM	1700
331	0 PM	1715
332	0 PM	1730
333	0 ZZ	0
334	0 ZZ	15
335	0 ZZ	30
336	0 ZZ	45
337	0 AM	715
338	0 AM	730
339	0 AM	745
340	0 AM	800
341	0 MD	1200
342	0 MD	1215
343	0 MD	1230
344	0 MD	1245
345	0 PM	1645
346	0 PM	1700
347	0 PM	1715
348	0 PM	1730
349	0 ZZ	0
350	0 ZZ	15
351	0 ZZ	30
352	0 ZZ	45
353	0 AM	715
354	0 AM	730
355	0 AM	745
356	0 AM	800
357	0 MD	1200
358	0 MD	1215
359	0 MD	1230
360	0 MD	1245
361	0 PM	1645
362	0 PM	1700
363	0 PM	1715
364	0 PM	1730
365	0 ZZ	0
366	0 ZZ	15
367	0 ZZ	30
368	0 ZZ	45
369	0 AM	715
370	0 AM	730
371	0 AM	745
372	0 AM	800
373	0 MD	1200
374	0 MD	1215
375	0 MD	1230
376	0 MD	1245
377	0 PM	1645
378	0 PM	1700
379	0 PM	1715
380	0 PM	1730
381	0 ZZ	0
382	0 ZZ	15
383	0 ZZ	30
384	0 ZZ	45
385	0 AM	715
386	0 AM	730
387	0 AM	745
388	0 AM	800
389	0 MD	1200
390	0 MD	1215
391	0 MD	1230
392	0 MD	1245
393	0 PM	1645
394	0 PM	1700
395	0 PM	1715
396	0 PM	1730
397	0 ZZ	0
398	0 ZZ	15
399	0 ZZ	30
400	0 ZZ	45
401	0 AM	715
402	0 AM	730
403	0 AM	745
404	0 AM	800
405	0 MD	1200
406	0 MD	1215
407	0 MD	1230
408	0 MD	1245
409	0 PM	1645
410	0 PM	1700
411	0 PM	1715

412	0 PM	1730
413	0 ZZ	0
414	0 ZZ	15
415	0 ZZ	30
416	0 ZZ	45
417	0 AM	715
418	0 AM	730
419	0 AM	745
420	0 AM	800
421	0 MD	1200
422	0 MD	1215
423	0 MD	1230
424	0 MD	1245
425	0 PM	1645
426	0 PM	1700
427	0 PM	1715
428	0 PM	1730
429	0 ZZ	0
430	0 ZZ	15
431	0 ZZ	30
432	0 ZZ	45
433	0 AM	715
434	0 AM	730
435	0 AM	745
436	0 AM	800
437	0 MD	1200
438	0 MD	1215
439	0 MD	1230
440	0 MD	1245
441	0 PM	1645
442	0 PM	1700
443	0 PM	1715
444	0 PM	1730
445	0 ZZ	0
446	0 ZZ	15
447	0 ZZ	30
448	0 ZZ	45
449	0 AM	715
450	0 AM	730
451	0 AM	745
452	0 AM	800
453	0 MD	1200
454	0 MD	1215
455	0 MD	1230
456	0 MD	1245
457	0 PM	1645
458	0 PM	1700
459	0 PM	1715
460	0 PM	1730
461	0 ZZ	0
462	0 ZZ	15
463	0 ZZ	30
464	0 ZZ	45
465	0 AM	715
466	0 AM	730
467	0 AM	745
468	0 AM	800
469	0 MD	1200
470	0 MD	1215
471	0 MD	1230
472	0 MD	1245
473	0 PM	1645
474	0 PM	1700
475	0 PM	1715
476	0 PM	1730
477	0 ZZ	0
478	0 ZZ	15
479	0 ZZ	30
480	0 ZZ	45
481	0 AM	715
482	0 AM	730
483	0 AM	745
484	0 AM	800
485	0 MD	1200
486	0 MD	1215
487	0 MD	1230
488	0 MD	1245
489	0 PM	1645
490	0 PM	1700
491	0 PM	1715
492	0 PM	1730
493	0 ZZ	0
494	0 ZZ	15
495	0 ZZ	30
496	0 ZZ	45
497	0 AM	715
498	0 AM	730
499	0 AM	745
500	0 AM	800
501	0 MD	1200
502	0 MD	1215
503	0 MD	1230
504	0 MD	1245
505	0 PM	1645
506	0 PM	1700
507	0 PM	1715
508	0 PM	1730
509	0 ZZ	0
510	0 ZZ	15
511	0 ZZ	30
512	0 ZZ	45
513	0 AM	715
514	0 AM	730
515	0 AM	745
516	0 AM	800
517	0 MD	1200
518	0 MD	1215
519	0 MD	1230
520	0 MD	1245
521	0 PM	1645
522	0 PM	1700
523	0 PM	1715
524	0 PM	1730
525	0 ZZ	0
526	0 ZZ	15
527	0 ZZ	30
528	0 ZZ	45
529	0 AM	715
530	0 AM	730
531	0 AM	745
532	0 AM	800
533	0 MD	1200
534	0 MD	1215
535	0 MD	1230
536	0 MD	1245
537	0 PM	1645
538	0 PM	1700
539	0 PM	1715
540	0 PM	1730
541	0 ZZ	0
542	0 ZZ	15
543	0 ZZ	30
544	0 ZZ	45
545	0 AM	715
546	0 AM	730
547	0 AM	745
548	0 AM	800
549	0 MD	1200

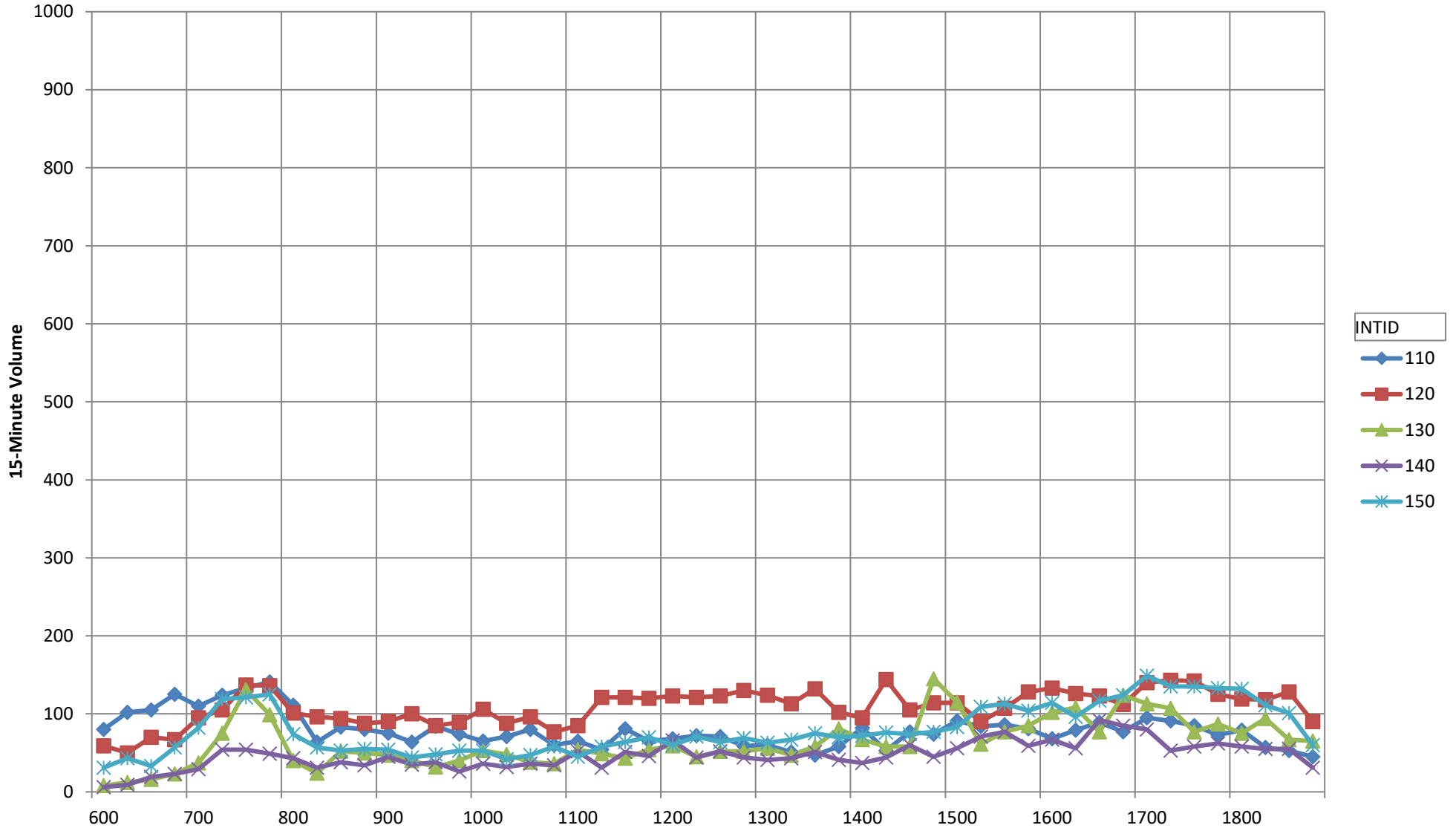
550	0 MD	1215
551	0 MD	1230
552	0 MD	1245
553	0 PM	1645
554	0 PM	1700
555	0 PM	1715
556	0 PM	1730
557	0 ZZ	0
558	0 ZZ	15
559	0 ZZ	30
560	0 ZZ	45
561	0 AM	715
562	0 AM	730
563	0 AM	745
564	0 AM	800
565	0 MD	1200
566	0 MD	1215
567	0 MD	1230
568	0 MD	1245
569	0 PM	1645
570	0 PM	1700
571	0 PM	1715
572	0 PM	1730
573	0 ZZ	0
574	0 ZZ	15
575	0 ZZ	30
576	0 ZZ	45
577	0 AM	715
578	0 AM	730
579	0 AM	745
580	0 AM	800
581	0 MD	1200
582	0 MD	1215
583	0 MD	1230
584	0 MD	1245
585	0 PM	1645
586	0 PM	1700
587	0 PM	1715
588	0 PM	1730
589	0 ZZ	0
590	0 ZZ	15
591	0 ZZ	30
592	0 ZZ	45
593	0 AM	715
594	0 AM	730
595	0 AM	745
596	0 AM	800
597	0 MD	1200
598	0 MD	1215
599	0 MD	1230
600	0 MD	1245
601	0 PM	1645
602	0 PM	1700
603	0 PM	1715
604	0 PM	1730
605	0 ZZ	0
606	0 ZZ	15
607	0 ZZ	30
608	0 ZZ	45
609	0 AM	715
610	0 AM	730
611	0 AM	745
612	0 AM	800
613	0 MD	1200
614	0 MD	1215
615	0 MD	1230
616	0 MD	1245
617	0 PM	1645
618	0 PM	1700
619	0 PM	1715
620	0 PM	1730
621	0 ZZ	0
622	0 ZZ	15
623	0 ZZ	30
624	0 ZZ	45
625	0 AM	715
626	0 AM	730
627	0 AM	745
628	0 AM	800
629	0 MD	1200
630	0 MD	1215
631	0 MD	1230
632	0 MD	1245
633	0 PM	1645
634	0 PM	1700
635	0 PM	1715
636	0 PM	1730
637	0 ZZ	0
638	0 ZZ	15
639	0 ZZ	30
640	0 ZZ	45

Turning Movement Count

15 Minute Counts		SB	SB	SB	SB	NP	WB	WB	WB	WB	EP	NB	NB	NB	NB	SP	EB	EB	EB	EB	WP	EB	WB	NB	SB	EBWB	NBSB	Total	HrTotal	
DATE	TIME	INTID	SBU	SBL	SBT	SBR	NPEd	WBU	WBL	WBT	WBR	EPed	NBU	NBL	NBT	NBR	SPed	EBU	EBL	EBT	EBR	WPEd	EB	WB	NB	SB	EBWB	NBSB	Total	HrTotal
9/11/2018	600	270	0	4	18	7	0	0	2	1	2	0	0	0	12	9	0	0	0	0	1	0	2	5	21	29	7	50	57	303
9/11/2018	615	270	0	4	20	10	0	0	4	0	1	0	0	0	10	5	0	0	1	0	0	0	1	5	15	34	6	49	55	398
9/11/2018	630	270	0	3	17	14	0	0	6	0	2	0	0	0	16	7	1	0	0	0	0	0	0	8	23	34	8	57	66	533
9/11/2018	645	270	0	9	38	17	0	0	3	2	2	0	0	0	38	13	0	0	0	3	0	0	3	7	51	64	10	115	125	684
9/11/2018	700	270	1	18	48	13	0	0	7	0	4	0	0	0	40	18	0	0	2	1	0	0	3	11	58	80	14	138	152	765
9/11/2018	715	270	0	31	56	17	0	0	4	2	8	0	0	0	40	25	1	0	4	1	0	1	5	14	65	104	19	169	190	759
9/11/2018	730	270	0	32	76	16	0	0	7	2	4	3	0	0	52	19	3	0	3	0	0	0	3	13	71	124	16	195	217	739
9/11/2018	745	270	0	24	74	22	0	0	9	3	6	0	0	0	42	14	2	0	4	4	0	2	8	18	56	120	26	176	206	698
9/11/2018	800	270	0	11	59	18	0	0	7	0	2	0	0	0	33	13	0	0	2	1	0	0	3	9	46	88	12	134	146	716
9/11/2018	815	270	0	7	64	17	1	0	15	2	5	1	0	0	37	12	0	0	3	3	2	1	8	22	49	88	30	137	170	570
9/11/2018	830	270	1	9	67	20	0	0	12	3	4	0	1	2	45	8	1	0	2	0	0	1	2	19	56	97	21	153	175	400
9/11/2018	845	270	0	8	99	24	0	0	14	4	0	0	0	2	55	11	0	0	3	0	0	3	22	65	131	25	199	224	224	
9/11/2018	900	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	915	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	930	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	945	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	1000	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	1015	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	311
9/11/2018	1030	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	679
9/11/2018	1045	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	977
9/11/2018	1100	270	0	0	91	83	0	0	18	13	3	0	0	1	63	12	0	0	22	3	2	0	27	34	76	174	61	250	311	1305
9/11/2018	1115	270	0	2	97	101	0	0	14	12	2	0	0	2	79	20	0	0	33	5	1	0	39	28	101	200	67	301	368	1322
9/11/2018	1130	270	0	4	74	85	0	0	17	10	5	0	0	2	58	22	0	0	17	2	2	0	21	32	82	163	53	245	298	1317
9/11/2018	1145	270	0	2	85	86	0	0	21	13	7	0	0	3	64	23	0	0	18	3	3	0	24	41	90	173	65	263	328	1358
9/11/2018	1200	270	0	3	84	76	0	0	21	14	4	0	0	0	73	15	0	0	26	3	9	0	38	39	88	163	77	251	328	1374
9/11/2018	1215	270	0	0	84	90	0	0	13	10	6	0	0	2	93	23	0	0	28	7	6	1	41	29	118	174	70	292	363	1046
9/11/2018	1230	270	0	6	75	67	0	0	17	12	5	0	0	2	82	22	0	0	33	12	6	0	51	34	106	148	85	254	339	683
9/11/2018	1245	270	0	5	77	79	0	0	19	11	2	0	0	2	86	17	0	0	36	7	3	0	46	32	105	161	78	266	344	344
9/11/2018	1300	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	1315	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	1330	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	1345	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	1400	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	1415	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	279
9/11/2018	1430	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	566
9/11/2018	1445	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	851
9/11/2018	1500	270	0	2	61	58	0	0	18	10	4	0	0	1	82	12	0	0	19	6	0	0	31	32	95	121	63	216	279	1192
9/11/2018	1515	270	0	1	64	55	0	0	20	6	10	0	0	1	70	15	0	0	24	11	10	0	45	36	86	120	81	206	287	1251
9/11/2018	1530	270	1	1	60	63	0	0	19	11	7	0	0	0	73	11	0	0	33	10	6	0	49	37	84	125	86	209	295	1300
9/11/2018	1545	270	1	4	84	77	0	0	21	9	8	0	0	3	64	14	0	0	33	5	8	0	46	38	81	166	84	247	331	1336
9/11/2018	1600	270	0	0	80	57	0	0	29	9	19	0	0	1	85	13	0	0	37	3	5	0	45	57	99	137	102	236	338	1386
9/11/2018	1615	270	0	3	90	50	3	0	30	13	17	0	0	1	79	12	0	0	24	6	8	0	38	60	92	143	98	235	336	1458
9/11/2018	1630	270	0	3	79	53	0	0	24	19	19	0	0	2	82	18	0	0	16	10	6	0	32	62	102	135	94	237	331	1538
9/11/2018	1645	270	0	6	89	66	0	0	36	17	20	0	0	1	81	18	0	0	29	13	5	0	47	73	100	161	120	261	381	1617
9/11/2018	1700	270	0	2	99	66	0	0	30	15	12	0	0	1	119	21	0	0	35	7	3	0	45	57	141	167	102	308	410	1573
9/11/2018	1715	270	1	3	77	77	0	0	37	23	24	0	0	2	117	21	1	0	19	8	5	1	32	84	140	158	116	298	416	0
9/11/2018	1730	270	0	4	88	75	0	0	36	17	22	0	0	1	95	22	0	0	40	4	6	0	50	75	118	167	125	285	410	0
9/11/2018	1745	270	0	5	66	75	0	0	28	16	16	0	0	5	74	15	0	0	22	11	4	0	37	60	94	146	97	240	337	0
10/19/200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	600	280	0	1	22	0	0	0	0	0	0	0	0	0	3	13	0	0	2	4	6	0	12	0	16	23	12	39	51	319
9/11/2018	615	280	0	8	25	0	0	0	0	0	0	0	0	0	3	8	0	0	3	2	9	0	14	0	11	33	14	44	58	429
9/11/2018	630	280	0	11	23	0	0	0	0	0	0	0	0	0	5	13	0	0	4	0	11	0	15	0	18	34	15	52	67	586
9/11/2018	645	280	0	18	44	0	0	0	0	0	0	0	0	0	9	34	0	0	12	4	22	0	38	0	43	62	38	105	143	763
9/11/2018	700	280	0	26	43	0	0	0	0	0	0	0	0	0	12	35	0	0	7	3	35	0	45	0	47	69	45	116	161	848
9/11/2018	715	280	0	33	65	0	0	0	0	0	0	0	0	0	17	34	0	0	13	6	46	1	65	0	51	98	65	149	215	

Sum of EBWB

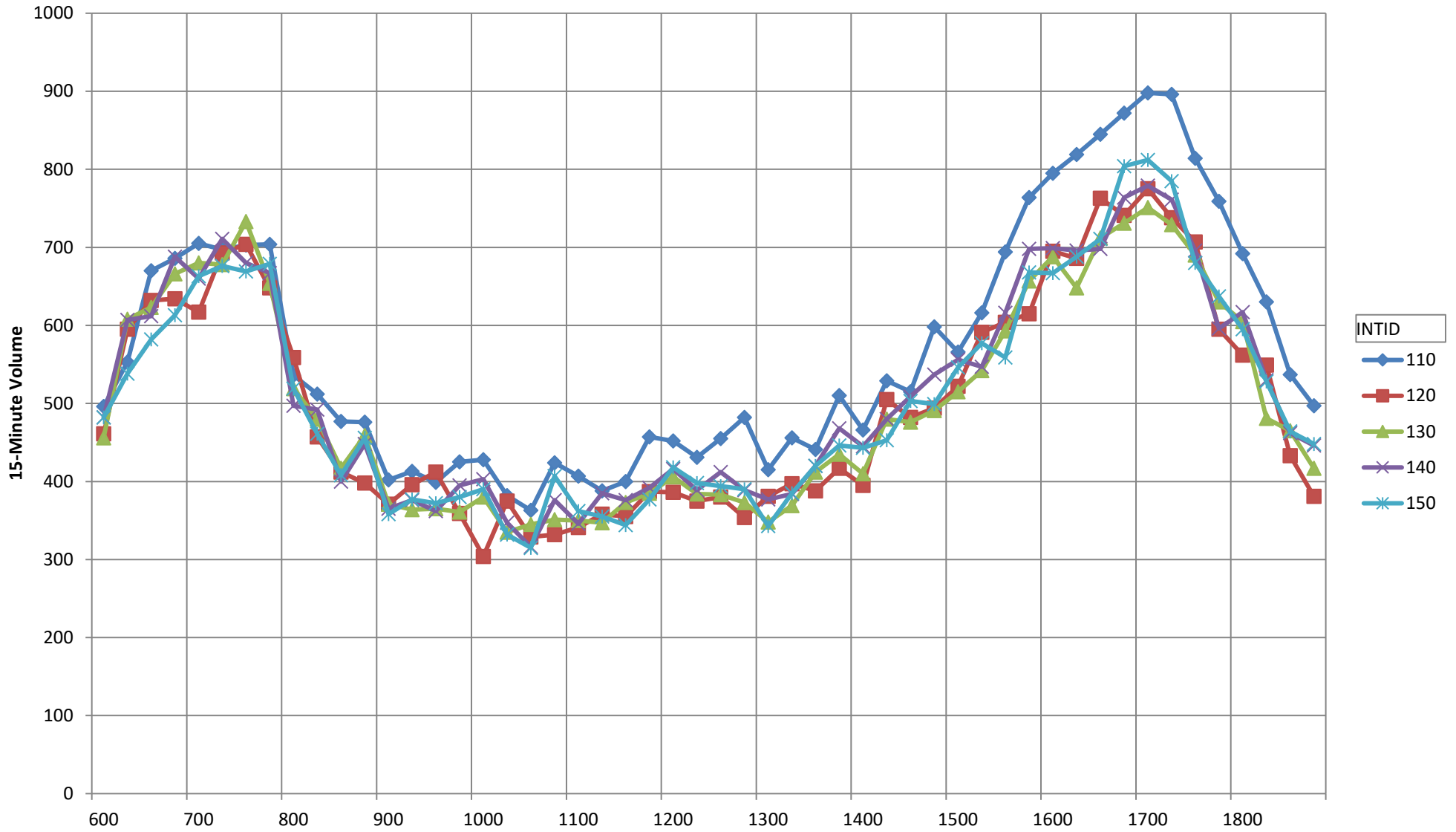
East/West 15-Minute Volumes



TIME

Sum of NBSB

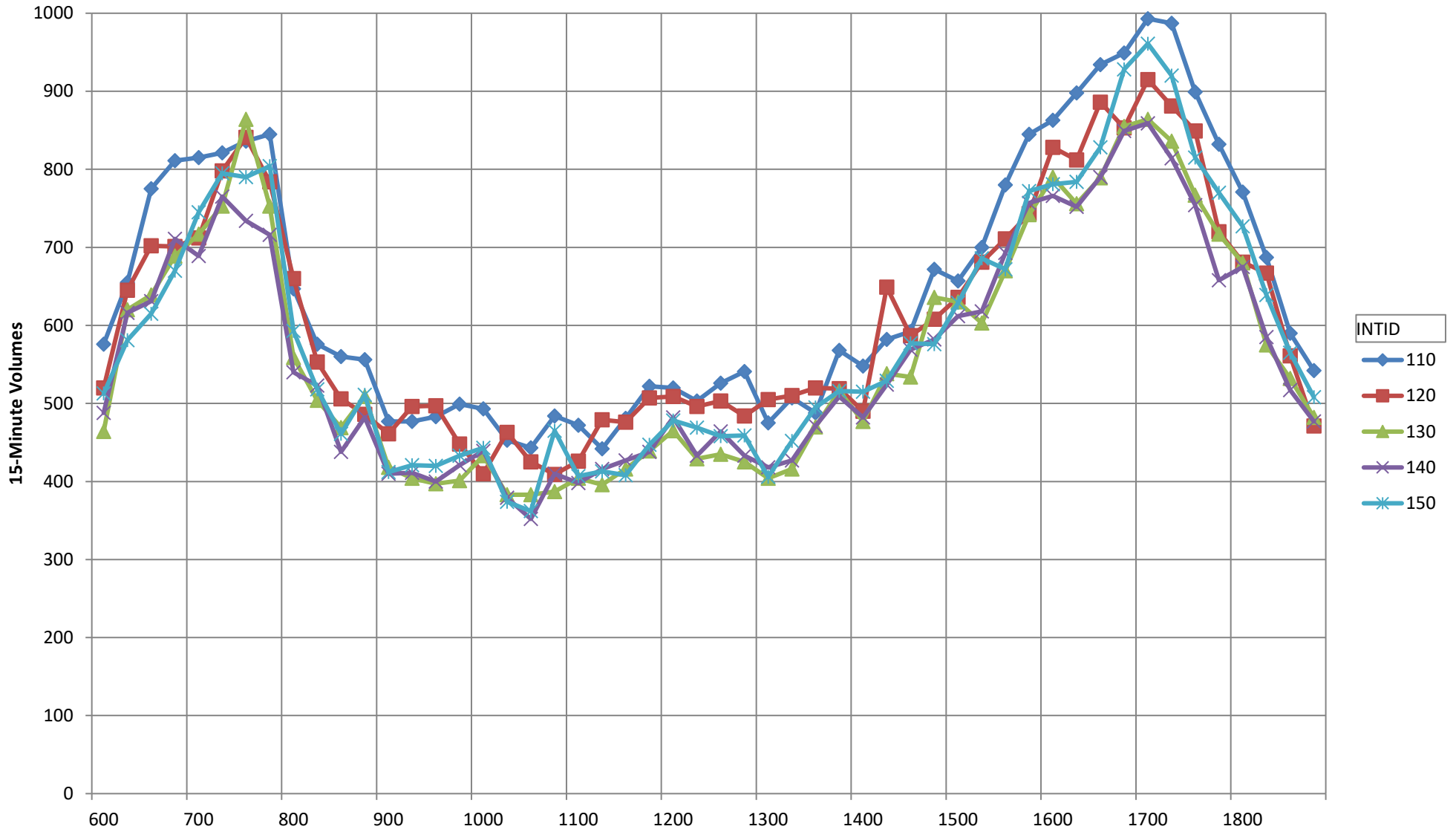
North/South 15-Minute Volumes



TIME

Sum of Total

15-Minute Volumes - All Movements



TIME

DATE	PEAK	INTID	Interval	Interval	Interval	Interval
9/11/2018	AM	270	700	--	--	--
9/11/2018	AM	280	715	--	--	--
9/11/2018	AM	290	730	--	--	--
9/11/2018	MD	270	--	1200	--	--
9/11/2018	MD	280	--	1200	--	--
9/11/2018	MD	290	--	1145	--	--
9/11/2018	PM	270	--	--	1645	--
9/11/2018	PM	280	--	--	1645	--
9/11/2018	PM	290	--	--	1645	--
9/11/2018	ZZ	270	--	--	--	--
9/11/2018	ZZ	280	--	--	--	--
9/11/2018	ZZ	290	--	--	--	--
--	--	AM				
--	--	mode:	#N/A			
--	--	median:	715			
--	--					
--	--	MD				
--	--	mode:		1200		
--	--	median:		1200		
--	--					
--	--	PM				
--	--	mode:			1645	
--	--	median:			1645	
--	--					
--	--	ZZ				
--	--	mode:				#N/A
--	--	median:				#NUM!

HrTotal	BeginRow	Rows	RowNo	INTID	TIME	TIME	INTID	TIME	TIME
765	4	48	8	270	>=600	<=900	280	>=600	<=900
859	53	48	58	290	>=600	<=900	270	>=1100	<=1300
616	102	48	108	270	>=600	<=900	290	>=1100	<=1300
1374	4	48	28	270	>=1100	<=1300	270	>=1500	<=1800
1517	53	48	77	290	>=1100	<=1300	280	>=1500	<=1800
1149	102	48	125	270	>=1500	<=1800	270	>=0	<=0
1617	4	48	47	290	>=1500	<=1800	280	>=0	<=0
1732	53	48	96	270	>=0	<=0	290	>=0	<=0
1259	102	48	145	290	>=0	<=0	270	>=0	<=0
0	4	48	16	270	>=0	<=0	280	>=0	<=0
0	53	48	65	290	>=0	<=0	270	>=0	<=0
0	102	48	114	270	>=0	<=0	290	>=0	<=0

Turning Movement Count

15 Minute Counts

DATE	TIME	INTID	SBU	SBL	SBT	SBR	NPed	WBU	WBL	WBT	WBR	EPed	NBU	NBL	NBT	NBR	SPed	EBU	EBL	EBT	EBR	WPed
9/11/2018	715	270	0	31	56	17	0	0	4	2	8	0	0	0	40	25	1	0	4	1	0	1
9/11/2018	730	270	0	32	76	16	0	0	7	2	4	3	0	0	52	19	3	0	3	0	0	0
9/11/2018	745	270	0	24	74	22	0	0	9	3	6	0	0	0	42	14	2	0	4	4	0	2
9/11/2018	800	270	0	11	59	18	0	0	7	0	2	0	0	0	33	13	0	0	2	1	0	0
9/11/2018	1200	270	0	3	84	76	0	0	21	14	4	0	0	0	73	15	0	0	26	3	9	0
9/11/2018	1215	270	0	0	84	90	0	0	13	10	6	0	0	2	93	23	0	0	28	7	6	1
9/11/2018	1230	270	0	6	75	67	0	0	17	12	5	0	0	2	82	22	0	0	33	12	6	0
9/11/2018	1245	270	0	5	77	79	0	0	19	11	2	0	0	2	86	17	0	0	36	7	3	0
9/11/2018	1645	270	0	6	89	66	0	0	36	17	20	0	0	1	81	18	0	0	29	13	5	0
9/11/2018	1700	270	0	2	99	66	0	0	30	15	12	0	0	1	119	21	0	0	35	7	3	0
9/11/2018	1715	270	1	3	77	77	0	0	37	23	24	0	0	2	117	21	1	0	19	8	5	1
9/11/2018	1730	270	0	4	88	75	0	0	36	17	22	0	0	1	95	22	0	0	40	4	6	0
9/11/2018	715	280	0	33	65	0	0	0	0	0	0	0	0	0	17	34	0	0	13	6	46	1
9/11/2018	730	280	0	22	68	0	0	0	0	0	0	0	0	0	23	36	0	0	23	17	55	0
9/11/2018	745	280	0	27	72	0	0	0	0	0	0	0	0	0	23	30	0	0	21	8	45	2
9/11/2018	800	280	0	27	60	0	0	0	0	0	0	0	0	0	11	25	0	0	17	2	30	0
9/11/2018	1200	280	0	32	138	0	0	0	0	0	0	0	0	0	43	59	0	0	40	23	24	0
9/11/2018	1215	280	0	21	152	0	0	0	0	0	0	0	0	0	62	68	0	0	30	32	25	1
9/11/2018	1230	280	0	29	111	0	0	0	0	0	0	0	0	0	47	74	0	0	36	48	32	0
9/11/2018	1245	280	0	24	143	0	0	0	0	0	0	0	0	0	48	74	0	0	37	44	18	2
9/11/2018	1645	280	0	29	149	0	0	0	0	0	0	0	0	0	60	70	0	0	33	27	15	0
9/11/2018	1700	280	0	41	140	0	0	0	0	0	0	0	0	0	63	100	0	0	45	57	18	0
9/11/2018	1715	280	0	31	133	0	0	0	0	0	0	0	0	0	68	91	0	0	34	53	32	1
9/11/2018	1730	280	0	32	156	0	0	0	0	0	0	0	0	0	70	86	0	0	39	42	15	2
9/11/2018	715	290	0	0	46	0	0	0	51	0	17	0	0	0	31	0	0	0	0	0	0	0
9/11/2018	730	290	0	0	43	0	0	0	48	0	28	0	1	0	46	0	0	0	0	0	0	0
9/11/2018	745	290	0	0	38	0	0	0	56	0	27	0	1	0	46	0	0	0	0	0	0	0
9/11/2018	800	290	1	0	30	0	0	0	55	0	15	0	0	0	30	0	0	0	0	0	0	0
9/11/2018	1200	290	0	0	65	0	0	0	113	0	35	0	0	0	82	0	0	0	0	0	0	0
9/11/2018	1215	290	0	0	55	0	0	0	111	0	35	0	0	0	94	0	0	0	0	0	0	0
9/11/2018	1230	290	0	0	67	0	0	0	68	0	48	0	1	0	80	0	0	0	0	0	0	0
9/11/2018	1245	290	0	0	50	0	0	0	120	0	29	0	0	0	87	0	0	0	0	0	0	0
9/11/2018	1645	290	0	0	66	0	0	0	111	0	35	0	1	0	91	0	0	0	0	0	0	0
9/11/2018	1700	290	0	0	84	0	0	0	104	0	35	0	0	0	107	0	0	0	0	0	0	0
9/11/2018	1715	290	0	0	59	0	0	0	98	0	33	0	0	0	109	0	0	0	0	0	0	0
9/11/2018	1730	290	0	0	71	0	0	0	118	0	27	0	0	0	110	0	0	0	0	0	0	0

Turning Movement Count

60 Minute Counts

DATE	TIME	INTID	SBU	SBL	SBT	SBR	NPed	WBU	WBL	WBT	WBR	EPed	NBU	NBL	NBT	NBR	SPed	EBU	EBL	EBT	EBR	WPed
9/11/2018	715	270	0	128	304	88	0	0	36	12	32	12	0	0	208	100	12	0	16	16	0	8
9/11/2018	715	280	0	132	288	0	0	0	0	0	0	0	0	0	92	144	0	0	92	68	220	8
9/11/2018	715	290	4	0	184	0	0	0	224	0	112	0	4	0	184	0	0	0	0	0	0	0
#N/A	715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#N/A	715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	1200	270	0	24	336	360	0	0	84	56	24	0	0	8	372	92	0	0	144	48	36	4
9/11/2018	1200	280	0	128	608	0	0	0	0	0	0	0	0	0	248	296	0	0	160	192	128	8
9/11/2018	1200	290	0	0	268	0	0	0	480	0	192	0	4	0	376	0	0	0	0	0	0	0
#N/A	1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#N/A	1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	1645	270	4	24	396	308	0	0	148	92	96	0	0	8	476	88	4	0	160	52	24	4
9/11/2018	1645	280	0	164	624	0	0	0	0	0	0	0	0	0	280	400	0	0	180	228	128	8
9/11/2018	1645	290	0	0	336	0	0	0	472	0	140	0	4	0	440	0	0	0	0	0	0	0
#N/A	1645	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#N/A	1645	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Even Rows:			Odd Rows:		
INTID	TIME	TIME	INTID	TIME	TIME
270	>=715	<=800	280	>=715	<=800
290	>=715	<=800	0	>=715	<=800
0	>=715	<=800	280	>=1200	<=1245
270	>=1200	<=1245	290	>=1200	<=1245
0	>=1200	<=1245	0	>=1200	<=1245
0	>=1200	<=1245	270	>=1645	<=1730
270	>=1645	<=1730	280	>=1645	<=1730
290	>=1645	<=1730	0	>=1645	<=1730
0	>=1645	<=1730	INTID	TIME	TIME

Turning Movement Count

60 Minute Counts

DATE	TIME	INTID	SBU	SBL	SBT	SBR	NPed	WBU	WBL	WBT	WBR	EPed	NBU	NBL	NBT	NBR	SPed	EBU	EBL	EBT	EBR	WPed
9/11/2018	715	270	4	128	396	96	4	0	60	16	32	12	4	8	220	100	12	0	16	16	8	8
9/11/2018	715	280	0	132	368	0	0	0	0	0	0	4	0	0	92	160	0	0	92	68	220	8
9/11/2018	715	290	4	0	184	0	0	0	340	0	148	4	4	4	0	184	0	0	0	0	0	0
#N/A	715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#N/A	715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	1200	270	0	24	388	404	0	0	84	56	28	0	0	12	372	92	0	0	144	48	36	4
9/11/2018	1200	280	4	128	692	0	0	0	0	0	0	0	0	0	248	308	0	0	160	192	128	12
9/11/2018	1200	290	0	0	268	0	0	0	552	0	192	0	4	0	376	0	0	0	0	0	0	0
#N/A	1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#N/A	1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2018	1645	270	4	24	396	308	12	0	148	92	96	0	0	20	476	88	4	0	160	52	40	4
9/11/2018	1645	280	0	164	624	0	0	0	0	0	0	0	0	0	280	400	0	0	184	228	128	8
9/11/2018	1645	290	4	0	336	0	0	0	472	0	168	0	4	0	440	0	0	0	0	0	0	0
#N/A	1645	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#N/A	1645	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Even Rows:			Odd Rows:		
INTID	TIME	TIME	INTID	TIME	TIME
270	>=600	<=900	280	>=600	<=900
290	>=600	<=900	0	>=600	<=900
0	>=600	<=900	0	>=600	<=900
270	>=1100	<=1300	280	>=1100	<=1300
290	>=1100	<=1300	0	>=1100	<=1300
0	>=1100	<=1300	0	>=1100	<=1300
270	>=1500	<=1800	280	>=1500	<=1800
290	>=1500	<=1800	0	>=1500	<=1800
0	>=1500	<=1800	0	>=1500	<=1800

