

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DISTRICT 1
TRAFFIC ENGINEERING

County: **Richland**

City:

Date: **5/20/2014**

Major Rt: **Killian Road**
* Not on State System

Minor Rt: **I-77 SB Ramp**

Day of Week: **Tuesday**

Weather: **Clear**

Office: **Feemster, P.C.**

TWF

Type of Control: **Signal**

Speed Limit (major st) **45**

Direction of Minor Street: **N-S**

Intersection ADT - **28140** (Calc)

Number of Lanes (major st)* **2**

Number of Lanes (minor st)* **1**

* Each Direction

INTERSECTION VOLUME SUMMARY

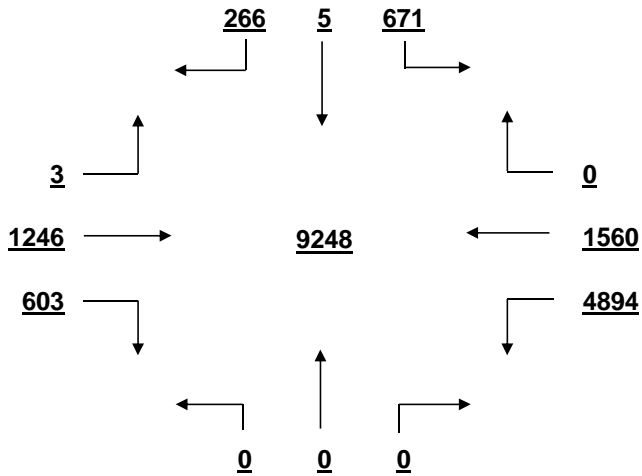
	From N I-77 SB Ramp				From S I-77 SB Ramp				From E Killian Road				From W Killian Road				Total	Total
	LT	STR	RT	TOT	LT	STR	RT	TOT	LT	STR	RT	TOT	LT	STR	RT	TOT	Vol	Peds
7:00 - 7:15	23	0	11	34	0	0	0	0	457	52	0	509	0	46	35	81	624	0
7:15 - 7:30	32	0	12	44	0	0	0	0	519	61	0	580	0	23	55	78	702	0
7:30 - 7:45	38	0	8	46	0	0	0	0	553	64	0	617	1	35	47	83	746	0
7:45 - 8:00	52	0	11	63	0	0	0	0	476	77	0	553	0	45	39	84	700	0
8:00 - 8:15	34	0	15	49	0	0	0	0	450	81	0	531	0	34	52	86	666	0
8:15 - 8:30	34	0	20	54	0	0	0	0	421	89	0	510	0	45	37	82	646	0
8:30 - 8:45	46	0	19	65	0	0	0	0	408	90	0	498	0	45	42	87	650	0
8:45 - 9:00	34	2	18	54	0	0	0	0	259	76	0	335	0	59	36	95	484	0
9:00 - 9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 - 9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 - 9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 - 10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 - 10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 - 10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 - 10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 - 11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 - 11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 - 11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 - 11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 - 12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 - 12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 - 12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 - 12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 - 13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00 - 16:15	55	0	13	68	0	0	0	0	148	101	0	249	0	96	33	129	446	0
16:15 - 16:30	50	0	19	69	0	0	0	0	165	125	0	290	0	106	14	120	479	0
16:30 - 16:45	45	0	23	68	0	0	0	0	188	124	0	312	0	94	34	128	508	0
16:45 - 17:00	30	0	17	47	0	0	0	0	147	144	0	291	0	116	32	148	486	0
17:00 - 17:15	44	0	24	68	0	0	0	0	163	130	0	293	0	120	33	153	514	0
17:15 - 17:30	60	1	20	81	0	0	0	0	167	132	0	299	1	105	43	149	529	0
17:30 - 17:45	47	1	18	66	0	0	0	0	197	109	0	306	0	142	36	178	550	0
17:45 - 18:00	47	1	18	66	0	0	0	0	176	105	0	281	1	135	35	171	518	0
TOTAL	671	5	266	942	0	0	0	0	4894	1560	0	6454	3	1246	603	1852	9248	0
Trucks	13	0	1	14	0	0	0	0	30	14	0	44	0	15	9	24	82	0.9%
School Buses	1	0	1	2	0	0	0	0	0	4	0	4	0	4	0	4	10	0.1%

TOTAL AND PEAK HOUR VOLUME DIAGRAMS

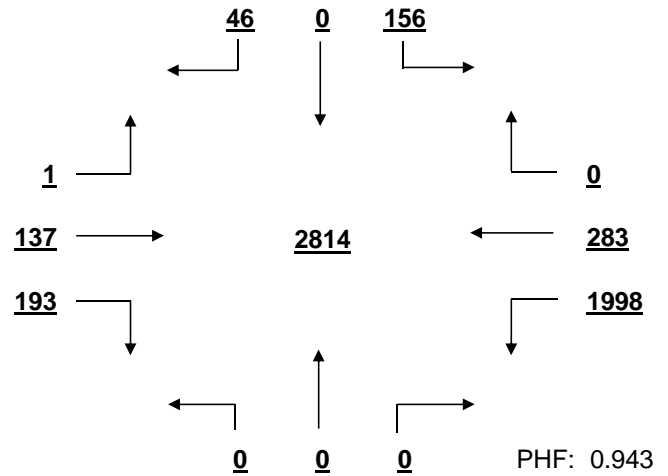
Killian Road AT I-77 SB Ramp

Date: 5/20/2014

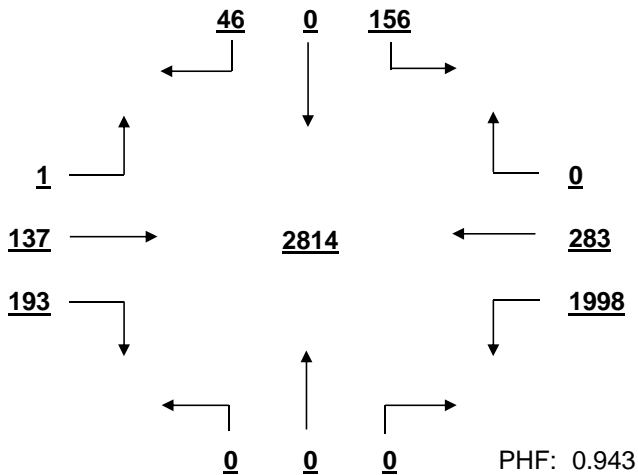
8.0 HOUR TOTAL VOLUME
FROM 7:00 TO 18:00



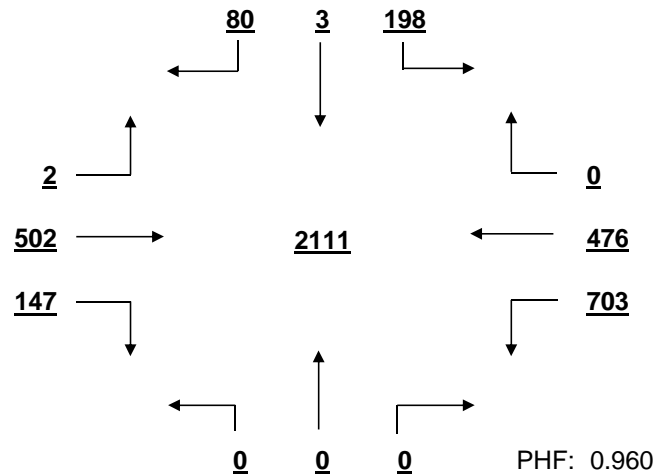
OVERALL PEAK HOUR VOLUME
FROM 7:15 TO 8:15



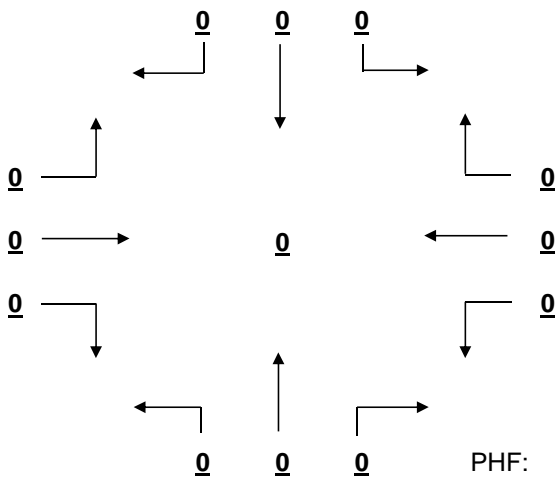
AM PEAK HOUR VOLUME (0:00-10:45)
FROM 7:15 TO 8:15



PM PEAK HOUR VOLUME (14:15-23:45)
FROM 17:00 TO 18:00



MID-DAY PEAK HOUR VOLUME (11:00-14:00)
FROM 0:00 TO 0:00



OTHER HOUR VOLUME
FROM 7:00 TO 8:00

