

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 NB 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 - **36240** (Calc)

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

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

* Each Direction

INTERSECTION VOLUME SUMMARY

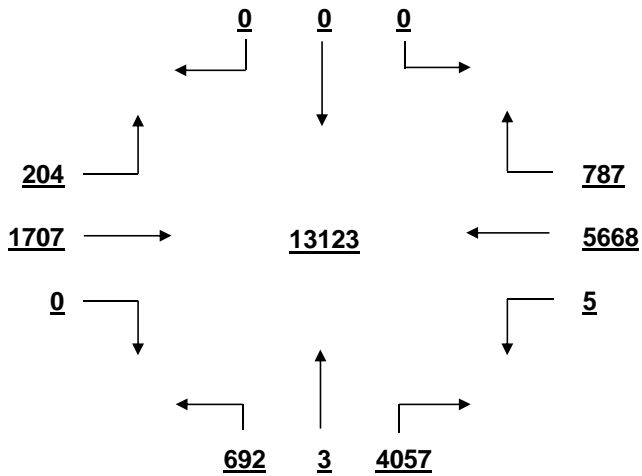
	From N I-77 NB Ramp				From S I-77 NB Ramp				From E Killian Road				From W Killian Road				Total	Total
	LT	STR	RT	TOT	LT	STR	RT	TOT	LT	STR	RT	TOT	LT	STR	RT	TOT	Vol	Peds
7:00 - 7:15	0	0	0	0	19	0	139	158	0	511	51	562	5	61	0	66	786	0
7:15 - 7:30	0	0	0	0	14	0	152	166	0	566	61	627	3	57	0	60	853	0
7:30 - 7:45	0	0	0	0	24	0	135	159	0	578	62	640	6	68	0	74	873	0
7:45 - 8:00	0	0	0	0	38	1	186	225	0	501	46	547	6	87	0	93	865	0
8:00 - 8:15	0	0	0	0	26	0	116	142	0	488	46	534	6	67	0	73	749	0
8:15 - 8:30	0	0	0	0	29	0	130	159	0	478	58	536	11	69	0	80	775	0
8:30 - 8:45	0	0	0	0	35	1	121	157	2	424	44	470	7	79	0	86	713	0
8:45 - 9:00	0	0	0	0	36	0	116	152	1	282	39	322	9	78	0	87	561	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	0	0	0	0	56	0	267	323	0	192	36	228	19	122	0	141	692	0
16:15 - 16:30	0	0	0	0	68	0	362	430	0	233	50	283	21	143	0	164	877	0
16:30 - 16:45	0	0	0	0	58	0	372	430	0	242	46	288	16	137	0	153	871	0
16:45 - 17:00	0	0	0	0	76	0	392	468	0	208	56	264	16	136	0	152	884	0
17:00 - 17:15	0	0	0	0	41	0	386	427	1	255	44	300	19	138	0	157	884	0
17:15 - 17:30	0	0	0	0	65	0	396	461	0	243	47	290	20	145	0	165	916	0
17:30 - 17:45	0	0	0	0	51	0	398	449	0	233	50	283	27	165	0	192	924	0
17:45 - 18:00	0	0	0	0	56	1	389	446	1	234	51	286	13	155	0	168	900	0
TOTAL	0	0	0	0	692	3	4057	4752	5	5668	787	6460	204	1707	0	1911	13123	0
Trucks	0	0	0	0	9	0	26	35	0	33	7	40	3	24	0	27	102	0.8%
School Buses	0	0	0	0	1	0	5	6	0	3	1	4	0	7	0	7	17	0.1%

TOTAL AND PEAK HOUR VOLUME DIAGRAMS

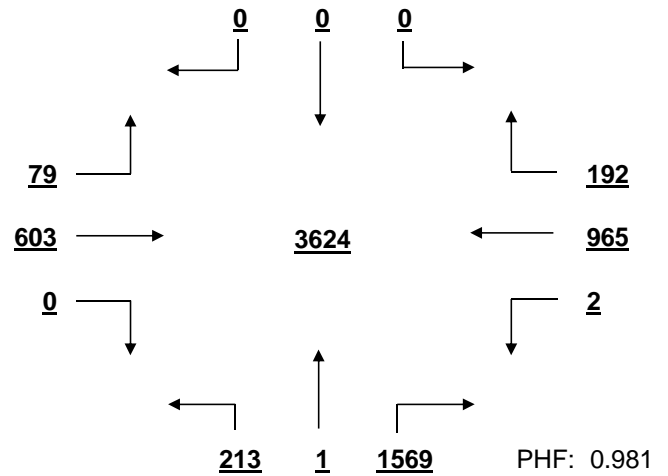
Killian Road AT I-77 NB Ramp

Date: 5/20/2014

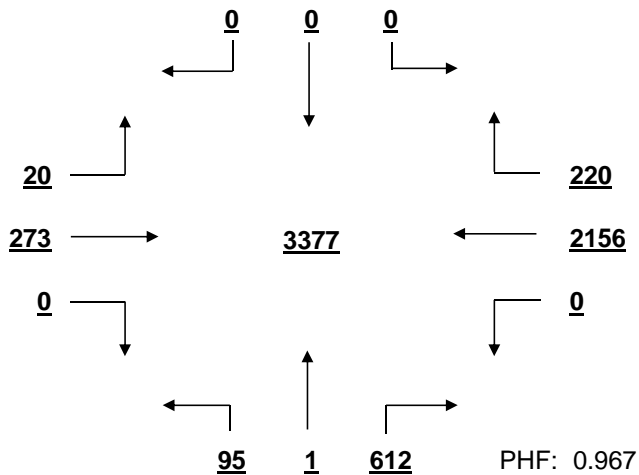
8.0 HOUR TOTAL VOLUME
FROM 7:00 TO 18:00



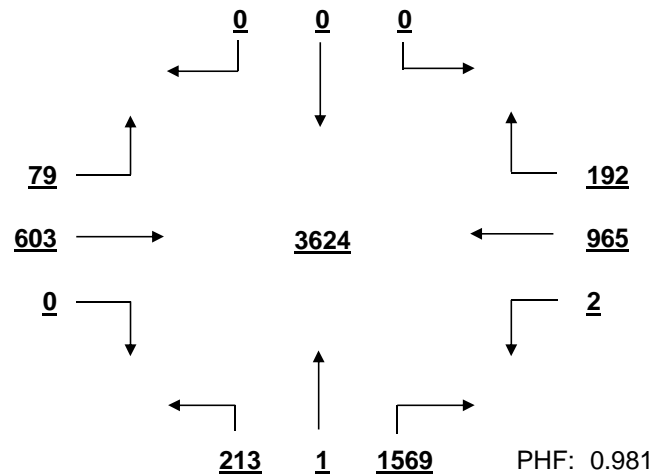
OVERALL PEAK HOUR VOLUME
FROM 17:00 TO 18:00



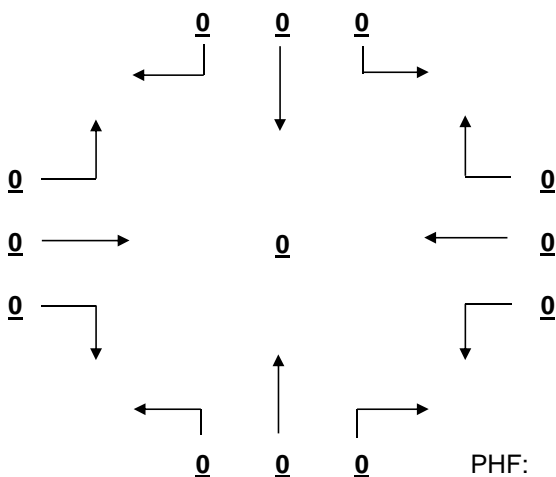
AM PEAK HOUR VOLUME (0:00-10:45)
FROM 7:00 TO 8:00



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

