

Anexo 1

Tabulación de datos

CORRECIÓN DE DATOS EN EL RAMAL F ENTRE LAS 11:30 - 12:30													
Sentido	Ramal	Periodo de 15min		Autos	Camiones						Buses	Motos	Total camiones
		Inicio	Fin		C2	C3	C4	C5	C6	>C6			
Entrada	H	11:30-11:45		171	14	0	0	0	1	0	2	68	15
	F			208	4	9	0	6	4	0	7	88	23
	B			263	21	6	0	1	6	0	9	160	34
	D			131	21	2	0	0	4	0	2	100	27
Salida	A			200	13	1	0	0	1	0	1	83	15
	C			209	15	4	0	1	2	0	8	114	22
	E			152	11	7	0	3	2	0	1	84	23
	G			212	21	5	0	3	10	0	10	135	39
Entrada	H	11:45-12:00		177	7	0	0	0	1	0	6	72	8
	F			196	19	0	0	2	5	0	5	106	23
	B			277	17	8	1	2	5	0	12	214	33
	D			141	14	3	0	3	2	0	2	95	22
Salida	A			150	12	1	0	1	1	0	2	88	15
	C			237	19	2	0	1	2	0	16	146	24
	E			146	9	3	1	4	2	0	2	118	19
	G			258	17	2	0	1	8	0	5	135	28
Entrada	H	12:00-12:15		174	18	0	0	0	3	0	3	102	21
	F			167	0	2	0	3	8	0	17	120	13
	B			256	22	4	0	1	7	0	7	204	34
	D			176	15	1	0	2	4	0	1	100	22
Salida	A			146	10	1	0	0	0	0	0	102	11
	C			220	11	4	0	3	5	0	11	162	23
	E			162	6	2	0	2	2	0	2	117	12
	G			245	21	0	0	1	15	0	15	145	37
Entrada	H	12:15-12:30		202	10	0	0	1	4	0	0	114	15
	F			194	30	4	1	1	2	0	14	126	38
	B			282	17	2	0	1	2	0	16	167	22
	D			164	15	0	0	1	2	0	6	120	18
Salida	A			160	14	0	0	1	1	0	1	90	16
	C			246	27	2	0	1	1	0	14	167	31
	E			141	12	2	1	1	7	0	6	120	23
	G			295	19	2	0	1	1	0	15	150	23

Aforo vehicular del ramal A													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
5:30-5:45		25	7	0	0	1	4	0	1	42	12	80	
5:45-6:00		72	6	0	0	0	1	0	1	95	7	175	
6:00-6:15		56	10	2	0	0	0	0	0	60	12	128	
6:15-6:30		72	12	1	0	0	0	0	4	65	13	154	537
6:30-6:45		84	3	0	0	1	1	0	6	84	5	179	636
6:45-7:00		110	14	1	1	0	1	0	5	120	17	252	713
7:00-7:15		134	21	1	0	0	0	0	3	126	22	285	870
7:15-7:30		117	24	0	0	0	3	0	1	95	27	240	956
7:30-7:45		125	16	0	1	0	1	0	1	134	18	278	1055
7:45-8:00		188	22	0	0	0	0	0	0	163	22	373	1176
8:00-8:15		154	17	2	0	2	0	0	1	120	21	296	1187
8:15-8:30		134	14	0	0	0	3	0	1	100	17	252	1199
8:30-8:45		140	18	1	0	0	3	0	1	104	22	267	1188
8:45-9:00		137	14	1	0	1	0	0	3	74	16	230	1045
9:00-9:15		79	15	1	0	0	0	0	1	50	16	146	895
9:15-9:30		27	2	1	0	0	0	0	0	0	3	30	673
9:30-9:45		101	6	1	0	0	2	0	3	65	9	178	584
9:45-10:00		113	9	0	0	0	0	0	1	52	9	175	529
10:00-10:15		148	11	1	0	0	1	0	3	48	13	212	595
10:15-10:30		140	13	0	0	0	1	0	2	43	14	199	764
10:30-10:45		148	20	0	0	0	0	0	2	54	20	224	810
10:45-11:00		157	9	0	0	1	1	0	0	48	11	216	851
11:00-11:15		159	15	0	0	0	14	0	2	55	29	245	884
11:15-11:30		172	19	1	0	0	1	0	3	71	21	267	952
11:30-11:45		200	13	1	0	0	1	0	1	83	15	299	1027
11:45-12:00		150	12	1	0	1	1	0	2	88	15	255	1066
12:00-12:15		146	10	1	0	0	0	0	0	102	11	259	1080
12:15-12:30		160	14	0	0	1	1	0	1	90	16	267	1080
12:30-12:45		143	15	0	0	1	1	0	0	83	17	243	1024
12:45-1:00		126	11	0	0	0	0	0	2	88	11	227	996
1:00-1:15		150	13	0	0	0	1	0	1	99	14	264	1001
1:15-1:30		150	5	0	0	0	0	0	1	92	5	248	982
1:30-1:45		120	7	1	0	0	0	0	2	92	8	222	961
1:45-2:00		150	11	0	0	0	0	0	1	101	11	263	997
2:00-2:15		150	15	1	0	0	0	0	1	91	16	258	991
2:15-2:30		137	10	0	0	0	0	0	0	98	10	245	988
2:30-2:45		133	15	1	0	0	0	0	0	91	16	240	1006
2:45-3:00		129	11	0	0	0	0	0	3	92	11	235	978
3:00-3:15		147	4	0	0	0	0	0	0	74	4	225	945
3:15-3:30		158	9	0	0	0	0	0	1	74	9	242	942
3:30-3:45		125	10	1	0	0	0	0	0	88	11	224	926

Aforo vehicular del ramal A													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
3:45-4:00		115	4	0	0	0	1	0	3	77	5	200	891
4:00-4:15		141	10	0	0	0	1	0	0	71	11	223	889
4:15-4:30		139	13	0	0	0	0	0	0	78	13	230	877
4:30-4:45		128	7	0	0	0	0	0	2	80	7	217	870
4:45-5:00		138	3	0	0	0	0	0	2	93	3	236	906
5:00-5:15		115	3	0	0	0	0	0	0	47	3	165	848
5:15-5:30		65	1	0	0	0	0	0	1	38	1	105	723
5:30-5:45		160	4	0	0	0	0	1	2	87	5	254	760
5:45-6:00		135	3	0	0	0	0	0	3	109	3	250	774
6:00-6:15		134	6	0	0	0	0	0	0	74	6	214	823
6:15-6:30		135	4	0	0	0	0	0	0	94	4	233	951
6:30-6:45		119	2	0	0	0	0	0	2	82	2	205	902
6:45-7:00		134	2	0	0	0	0	1	1	99	3	237	889
7:00-7:15		130	4	0	0	0	0	0	0	79	4	213	888
7:15-7:30		124	9	0	0	0	0	0	1	79	9	213	868
7:30-7:45		141	6	0	0	0	0	1	2	89	7	239	902
7:45-8:00		114	1	0	0	0	0	1	5	72	2	193	858
8:00-8:15		108	0	0	0	0	0	0	0	78	0	186	831
8:15-8:30		103	2	0	1	0	0	0	1	65	3	172	790
TOTAL		7644	586	21	3	9	44	4	86	4885	667		

Aforo vehicular del ramal B													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
5:30-5:45		112	32	2	0	0	12	0	12	180	46	350	
5:45-6:00		123	33	0	0	18	6	0	13	181	57	374	
6:00-6:15		299	30	3	0	12	18	0	18	268	63	648	
6:15-6:30		307	18	1	0	6	18	0	9	290	43	649	2021
6:30-6:45		343	18	0	4	0	24	0	12	265	46	666	2337
6:45-7:00		268	15	1	0	0	18	0	10	270	34	582	2545
7:00-7:15		263	23	2	0	0	12	0	11	280	37	591	2488
7:15-7:30		194	14	0	0	0	6	0	11	224	20	449	2288
7:30-7:45		313	23	3	0	2	18	0	12	297	46	668	2290
7:45-8:00		186	10	2	0	2	6	0	10	142	20	358	2066
8:00-8:15		206	18	1	0	1	24	0	10	193	44	453	1928
8:15-8:30		201	16	3	0	0	18	0	6	227	37	471	1950
8:30-8:45		196	14	4	1	3	6	0	12	192	28	428	1710
8:45-9:00		239	12	1	0	3	0	0	7	199	16	461	1813

Aforo vehicular del ramal B													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
9:00-9:15		230	16	2	0	0	30	0	8	152	48	438	1798
9:15-9:30		235	11	4	0	2	1	0	5	144	18	402	1729
9:30-9:45		226	23	11	1	0	4	0	8	148	39	421	1722
9:45-10:00		272	21	4	0	0	5	0	8	149	30	459	1720
10:00-10:15		246	25	6	1	1	6	0	15	115	39	415	1697
10:15-10:30		259	20	5	1	0	8	0	11	120	34	424	1719
10:30-10:45		272	31	4	1	0	3	0	9	106	39	426	1724
10:45-11:00		304	20	6	0	0	4	0	13	124	30	471	1736
11:00-11:15		248	24	6	0	0	6	0	11	119	36	414	1735
11:15-11:30		296	26	3	0	0	6	0	15	145	35	491	1802
11:30-11:45		263	21	6	0	1	6	0	9	160	34	466	1842
11:45-12:00		277	17	8	1	2	5	0	12	214	33	536	1907
12:00-12:15		256	22	4	0	1	7	0	7	204	34	501	1994
12:15-12:30		282	17	2	0	1	2	0	16	167	22	487	1990
12:30-12:45		314	19	4	2	1	4	0	10	185	30	539	2063
12:45-1:00		277	28	4	0	0	9	0	12	201	41	531	2058
1:00-1:15		234	29	2	0	1	5	0	13	249	37	533	2090
1:15-1:30		289	26	4	1	1	7	0	11	246	39	585	2188
1:30-1:45		197	33	6	0	2	3	0	41	276	44	558	2207
1:45-2:00		218	42	5	0	0	10	0	39	202	57	516	2192
2:00-2:15		258	52	14	0	3	9	0	47	214	78	597	2256
2:15-2:30		267	61	7	0	1	1	0	54	230	70	621	2292
2:30-2:45		236	58	5	1	0	7	0	43	187	71	537	2271
2:45-3:00		259	53	8	0	1	6	1	47	172	69	547	2302
3:00-3:15		280	49	4	1	2	8	0	39	233	64	616	2321
3:15-3:30		291	47	2	0	4	5	0	32	195	58	576	2276
3:30-3:45		272	43	1	0	1	4	0	28	185	49	534	2273
3:45-4:00		264	30	1	0	2	3	0	26	243	36	569	2295
4:00-4:15		240	33	6	1	2	4	0	19	167	46	472	2151
4:15-4:30		271	27	1	0	3	7	0	17	128	38	454	2029
4:30-4:45		215	18	0	0	1	3	0	29	181	22	447	1942
4:45-5:00		230	27	2	0	2	2	0	23	149	33	435	1808
5:00-5:15		263	29	3	2	1	7	0	25	171	42	501	1837
5:15-5:30		222	18	1	0	1	4	0	28	142	24	416	1799
5:30-5:45		231	14	0	0	1	11	0	9	207	26	473	1825
5:45-6:00		260	9	1	2	1	9	0	7	188	22	477	1867
6:00-6:15		218	8	0	0	2	6	0	10	201	16	445	1811
6:15-6:30		272	12	0	0	4	9	0	17	219	25	533	1928
6:30-6:45		269	17	5	0	1	3	0	12	219	26	526	1981
6:45-7:00		312	11	1	0	0	4	0	8	247	16	583	2087
7:00-7:15		229	8	3	0	1	2	0	5	153	14	401	2043

Aforo vehicular del ramal B													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
7:15-7:30		323	9	3	0	0	5	0	14	148	17	502	2012
7:30-7:45		265	16	2	0	1	3	0	4	151	22	442	1928
7:45-8:00		295	11	1	0	0	2	0	8	155	14	472	1817
8:00-8:15		215	9	0	1	0	3	0	6	137	13	371	1787
8:15-8:30		180	8	1	0	0	3	0	2	98	12	292	1577
TOTAL		15082	1424	191	21	95	447	1	985	11354	2179		

Aforo vehicular del ramal C													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
5:30-5:45		98	8	2	0	2	3	0	14	113	15	240	
5:45-6:00		102	13	1	0	1	4	0	13	139	19	273	
6:00-6:15		125	13	1	1	0	4	0	13	154	19	311	
6:15-6:30		136	11	0	0	1	6	0	7	159	18	320	1144
6:30-6:45		116	9	2	0	0	3	0	10	181	14	321	1225
6:45-7:00		148	14	5	0	0	3	0	15	194	22	379	1331
7:00-7:15		155	18	2	0	5	3	0	12	196	28	391	1411
7:15-7:30		203	17	1	0	1	3	0	11	162	22	398	1489
7:30-7:45		185	21	2	0	3	3	0	21	200	29	435	1603
7:45-8:00		188	27	2	0	3	4	0	12	184	36	420	1644
8:00-8:15		185	21	6	0	5	7	0	10	184	39	418	1671
8:15-8:30		190	24	1	3	2	4	0	22	144	34	390	1663
8:30-8:45		180	29	3	0	1	7	0	16	145	40	381	1609
8:45-9:00		157	15	4	1	2	3	0	15	107	25	304	1493
9:00-9:15		225	26	5	1	4	4	0	12	124	40	401	1476
9:15-9:30		208	25	3	0	3	9	0	15	130	40	393	1479
9:30-9:45		179	19	4	1	1	3	0	7	120	28	334	1432
9:45-10:00		229	21	4	0	3	4	0	13	128	32	402	1530
10:00-10:15		198	22	2	1	2	2	0	10	98	29	335	1464
10:15-10:30		196	23	3	0	2	6	0	8	74	34	312	1383
10:30-10:45		210	19	5	3	0	4	0	9	112	31	362	1411
10:45-11:00		183	26	2	0	2	8	0	6	97	38	324	1333
11:00-11:15		245	20	1	1	2	2	0	11	106	26	388	1386
11:15-11:30		258	13	8	0	1	2	0	12	141	24	435	1509
11:30-11:45		209	15	4	0	1	2	0	8	114	22	353	1500
11:45-12:00		237	19	2	0	1	2	0	16	146	24	423	1599
12:00-12:15		220	11	4	0	3	5	0	11	162	23	416	1627
12:15-12:30		246	27	2	0	1	1	0	14	167	31	458	1650

Aforo vehicular del ramal C													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
12:30-12:45		206	20	6	1	4	5	0	11	207	36	460	1757
12:45-1:00		260	21	5	1	2	2	0	5	165	31	461	1795
1:00-1:15		240	21	3	1	0	1	0	15	191	26	472	1851
1:15-1:30		245	30	5	0	2	3	0	10	214	40	509	1902
1:30-1:45		238	11	7	0	1	0	0	14	182	19	453	1895
1:45-2:00		283	19	1	0	0	4	1	15	206	25	529	1963
2:00-2:15		219	20	0	0	0	1	0	17	151	21	408	1899
2:15-2:30		246	10	4	0	3	5	0	22	179	22	469	1859
2:30-2:45		211	25	6	0	2	2	0	14	201	35	461	1867
2:45-3:00		217	16	0	0	4	7	0	18	171	27	433	1771
3:00-3:15		208	20	1	0	3	3	0	10	181	27	426	1789
3:15-3:30		247	16	3	0	0	1	0	21	166	20	454	1774
3:30-3:45		223	30	3	0	1	4	0	21	202	38	484	1797
3:45-4:00		244	19	2	1	1	7	0	16	172	30	462	1826
4:00-4:15		226	16	1	1	3	5	0	15	151	26	418	1818
4:15-4:30		241	17	1	1	2	7	0	23	209	28	501	1865
4:30-4:45		232	15	4	0	1	2	0	17	198	22	469	1850
4:45-5:00		228	16	1	2	0	2	0	18	156	21	423	1811
5:00-5:15		229	26	3	1	1	3	0	11	182	34	456	1849
5:15-5:30		238	13	0	0	0	4	0	14	137	17	406	1754
5:30-5:45		189	14	1	0	0	7	0	12	163	22	386	1671
5:45-6:00		254	6	4	1	2	4	0	15	201	17	487	1735
6:00-6:15		213	22	2	0	1	4	0	10	218	29	470	1749
6:15-6:30		244	17	0	1	0	0	0	14	199	18	475	1818
6:30-6:45		250	22	0	0	0	5	0	15	186	27	478	1910
6:45-7:00		200	14	2	0	2	7	0	18	155	25	398	1821
7:00-7:15		162	6	3	0	0	1	0	16	142	10	330	1681
7:15-7:30		136	9	1	0	1	1	0	10	117	12	275	1481
7:30-7:45		187	9	0	0	0	3	0	11	130	12	340	1343
7:45-8:00		180	12	0	2	2	1	0	11	94	17	302	1247
8:00-8:15		147	12	1	0	3	2	0	8	134	18	307	1224
8:15-8:30		132	15	0	0	0	1	0	8	106	16	262	1211
TOTAL		12186	1065	151	25	93	215	1	798	9447	1550		

Aforo vehicular del ramal D													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
5:30-5:45		53	3	1	0	1	2	0	4	50	7	114	
5:45-6:00		55	2	2	0	2	1	0	4	90	7	156	
6:00-6:15		65	9	0	0	0	1	0	7	98	10	180	

Aforo vehicular del ramal D													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
6:15-6:30		81	11	8	0	1	1	0	2	122	21	226	676
6:30-6:45		101	7	2	0	1	1	0	4	135	11	251	813
6:45-7:00		106	10	1	0	1	2	0	7	175	14	302	959
7:00-7:15		117	6	1	0	1	1	0	8	162	9	296	1075
7:15-7:30		134	10	3	0	0	3	0	1	160	16	311	1160
7:30-7:45		128	7	2	0	1	5	0	8	155	15	306	1215
7:45-8:00		141	15	1	0	1	2	0	4	155	19	319	1232
8:00-8:15		134	8	2	0	1	3	0	4	164	14	316	1252
8:15-8:30		122	7	1	0	1	3	0	6	100	12	240	1181
8:30-8:45		130	10	5	0	0	4	0	5	120	19	274	1149
8:45-9:00		115	14	3	0	1	8	0	3	104	26	248	1078
9:00-9:15		110	13	1	0	1	2	0	4	100	17	231	993
9:15-9:30		131	13	0	0	0	5	0	0	94	18	243	996
9:30-9:45		115	11	1	1	1	3	0	4	106	17	242	964
9:45-10:00		165	19	1	0	2	3	0	3	92	25	285	1001
10:00-10:15		178	22	0	1	0	0	0	3	75	23	279	1049
10:15-10:30		128	20	1	0	0	4	0	1	50	25	204	1010
10:30-10:45		137	16	2	0	0	2	0	1	57	20	215	983
10:45-11:00		126	18	1	1	0	7	0	3	55	27	211	909
11:00-11:15		165	13	1	0	2	5	0	3	65	21	254	884
11:15-11:30		138	12	4	0	4	3	0	0	85	23	246	926
11:30-11:45		131	21	2	0	0	4	0	2	100	27	260	971
11:45-12:00		141	14	3	0	3	2	0	2	95	22	260	1020
12:00-12:15		176	15	1	0	2	4	0	1	100	22	299	1065
12:15-12:30		164	15	0	0	1	2	0	6	120	18	308	1127
12:30-12:45		161	15	3	0	0	4	0	6	135	22	324	1191
12:45-1:00		122	15	3	0	0	2	0	1	132	20	275	1206
1:00-1:15		157	20	2	0	0	8	0	1	135	30	323	1230
1:15-1:30		165	10	2	1	0	6	0	3	112	19	299	1221
1:30-1:45		207	16	1	0	1	2	0	4	143	20	374	1271
1:45-2:00		125	6	1	0	3	2	0	1	91	12	229	1225
2:00-2:15		168	22	1	1	2	0	0	4	12	26	210	1112
2:15-2:30		154	12	2	0	2	0	0	2	74	16	246	1059
2:30-2:45		169	16	0	2	3	2	0	2	124	23	318	1003
2:45-3:00		105	18	0	2	4	2	0	4	78	26	213	987
3:00-3:15		179	23	3	0	4	3	0	4	139	33	355	1132
3:15-3:30		178	18	2	0	1	2	0	2	145	23	348	1234
3:30-3:45		172	16	1	0	2	3	0	3	136	22	333	1249
3:45-4:00		165	15	2	0	2	1	0	3	140	20	328	1364
4:00-4:15		176	7	1	0	2	1	0	6	138	11	331	1340
4:15-4:30		175	21	2	0	1	4	0	3	102	28	308	1300

Aforo vehicular del ramal D													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
4:30-4:45		173	7	1	1	2	0	0	3	100	11	287	1254
4:45-5:00		165	20	2	1	3	2	0	1	117	28	311	1237
5:00-5:15		135	19	1	0	1	2	0	2	90	23	250	1156
5:15-5:30		143	14	1	1	0	4	0	7	138	20	308	1156
5:30-5:45		184	8	1	0	2	9	0	4	131	20	339	1208
5:45-6:00		160	11	1	0	3	1	0	3	158	16	337	1234
6:00-6:15		168	14	0	0	1	4	0	1	160	19	348	1332
6:15-6:30		227	8	2	0	0	1	0	4	142	11	384	1408
6:30-6:45		170	13	0	0	1	3	0	5	173	17	365	1434
6:45-7:00		157	12	1	0	0	3	0	6	135	16	314	1411
7:00-7:15		221	7	1	0	1	1	0	4	157	10	392	1455
7:15-7:30		213	19	1	0	1	1	0	6	137	22	378	1449
7:30-7:45		169	7	1	0	0	5	0	6	124	13	312	1396
7:45-8:00		160	15	2	1	1	2	0	3	114	21	298	1380
8:00-8:15		154	9	0	0	3	4	0	3	118	16	291	1279
8:15-8:30		140	4	2	0	0	3	0	5	102	9	256	1157
TOTAL		8804	778	93	13	74	170	0	212	6916	1128		

Aforo vehicular del ramal E													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total Camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
5:30-5:45		58	5	0	0	0	4	0	12	79	9	158	
5:45-6:00		58	11	2	0	2	2	0	8	74	17	157	
6:00-6:15		65	10	0	0	1	1	0	8	91	12	176	
6:15-6:30		103	11	3	1	1	3	0	8	120	19	250	741
6:30-6:45		105	8	4	0	1	3	0	5	199	16	325	908
6:45-7:00		110	15	2	2	0	2	0	7	207	21	345	1096
7:00-7:15		119	14	4	0	1	4	0	5	186	23	333	1253
7:15-7:30		115	18	0	0	0	3	0	5	148	21	289	1292
7:30-7:45		134	23	0	0	0	4	0	5	146	27	312	1279
7:45-8:00		137	11	1	0	0	2	0	3	151	14	305	1239
8:00-8:15		105	12	1	0	0	5	0	3	139	18	265	1171
8:15-8:30		123	11	1	0	0	2	0	4	116	14	257	1139
8:30-8:45		113	0	13	1	0	0	3	0	100	17	230	1057
8:45-9:00		110	0	14	0	0	0	0	6	87	14	217	969
9:00-9:15		121	0	9	0	0	0	2	3	88	11	223	927
9:15-9:30		119	0	16	3	2	0	3	2	89	24	234	904
9:30-9:45		140	9	1	1	0	4	0	7	120	15	282	956

Aforo vehicular del ramal E													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total Camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
9:45-10:00		142	8	5	0	0	4	0	3	65	17	227	966
10:00-10:15		95	12	2	1	2	4	0	3	65	21	184	927
10:15-10:30		120	15	2	0	1	5	0	3	47	23	193	886
10:30-10:45		142	20	1	0	0	5	0	3	83	26	254	858
10:45-11:00		128	17	1	0	1	2	0	2	70	21	221	852
11:00-11:15		133	15	0	0	0	4	0	3	80	19	235	903
11:15-11:30		131	20	2	0	0	5	0	10	114	27	282	992
11:30-11:45		152	11	7	0	3	2	0	1	84	23	260	998
11:45-12:00		146	9	3	1	4	2	0	2	118	19	285	1062
12:00-12:15		162	6	2	0	2	2	0	2	117	12	293	1120
12:15-12:30		141	12	2	1	1	7	0	6	120	23	290	1128
12:30-12:45		175	8	2	0	3	4	0	5	140	17	337	1205
12:45-1:00		160	10	3	0	0	4	0	3	138	17	318	1238
1:00-1:15		175	13	0	0	1	2	0	5	139	16	335	1280
1:15-1:30		198	8	0	0	2	2	0	7	117	12	334	1324
1:30-1:45		134	17	2	0	0	5	0	3	101	24	262	1249
1:45-2:00		124	19	3	0	2	1	0	4	154	25	307	1238
2:00-2:15		173	12	0	0	1	5	0	4	164	18	359	1262
2:15-2:30		188	17	5	0	1	1	0	4	133	24	349	1277
2:30-2:45		168	12	2	0	2	1	0	2	152	17	339	1354
2:45-3:00		170	11	1	0	1	5	0	3	105	18	296	1343
3:00-3:15		193	17	1	0	0	1	0	4	144	19	360	1344
3:15-3:30		160	15	1	0	2	1	1	3	134	20	317	1312
3:30-3:45		149	11	0	0	0	0	0	4	130	11	294	1267
3:45-4:00		129	15	1	0	2	4	0	6	145	22	302	1273
4:00-4:15		150	11	2	0	1	1	0	3	117	15	285	1198
4:15-4:30		124	9	1	0	3	6	0	3	144	19	290	1171
4:30-4:45		153	7	0	0	1	3	0	0	124	11	288	1165
4:45-5:00		149	11	1	0	1	2	0	3	122	15	289	1152
5:00-5:15		143	11	1	0	0	5	0	3	160	17	323	1190
5:15-5:30		130	9	0	0	1	1	0	6	135	11	282	1182
5:30-5:45		157	9	0	0	1	9	0	3	152	19	331	1225
5:45-6:00		151	14	1	0	1	3	0	4	170	19	344	1280
6:00-6:15		141	4	0	0	3	1	0	3	140	8	292	1249
6:15-6:30		160	8	0	0	3	1	0	2	120	12	294	1261
6:30-6:45		169	11	0	0	2	2	0	5	156	15	345	1275
6:45-7:00		150	5	0	0	0	1	1	4	133	7	294	1225
7:00-7:15		160	3	1	0	2	2	0	3	137	8	308	1241
7:15-7:30		157	5	2	1	2	0	0	6	116	10	289	1236
7:30-7:45		143	7	0	0	0	0	1	1	102	8	254	1145
7:45-8:00		161	10	2	1	1	3	0	3	133	17	314	1165

Aforo vehicular del ramal E													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total Camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
8:00-8:15		164	8	0	0	0	5	0	4	124	13	305	1162
8:15-8:30		144	5	1	0	1	3	0	4	106	10	264	1137
TOTAL		8329	635	131	13	62	165	11	246	7390	1017		

Aforo vehicular del ramal F													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total Camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
5:00-5:15													
5:15-5:30													
5:30-5:45		95	8	2	0	1	8	0	18	107	19	239	
5:45-6:00		121	16	3	0	3	6	0	14	164	28	327	
6:00-6:15		122	15	4	1	3	1	0	15	156	24	317	
6:15-6:30		174	18	1	0	1	7	0	12	184	27	397	1280
6:30-6:45		169	10	4	0	1	5	0	9	214	20	412	1453
6:45-7:00		217	18	7	2	1	4	0	7	285	32	541	1667
7:00-7:15		220	26	4	0	5	3	0	8	235	38	501	1851
7:15-7:30		160	19	0	0	1	4	0	12	190	24	386	1840
7:30-7:45		260	30	4	1	4	2	0	14	235	41	550	1978
7:45-8:00		290	22	1	0	3	2	0	10	227	28	555	1992
8:00-8:15		265	23	7	0	7	5	0	7	195	42	509	2000
8:15-8:30		280	14	0	4	4	2	0	11	197	24	512	2126
8:30-8:45		195	15	1	1	1	6	0	7	150	24	376	1952
8:45-9:00		205	15	4	0	3	0	0	10	110	22	347	1744
9:00-9:15		245	31	4	1	4	5	0	8	135	45	433	1668
9:15-9:30		236	17	5	1	5	3	0	10	130	31	407	1563
9:30-9:45		242	30	2	0	0	2	0	5	138	34	419	1606
9:45-10:00		287	52	7	0	1	1	0	22	143	61	513	1772
10:00-10:15		270	45	1	0	4	2	0	23	145	52	490	1829
10:15-10:30		271	52	2	1	2	8	0	3	163	65	502	1924
10:30-10:45		255	81	2	1	1	7	0	16	176	92	539	2044
10:45-11:00		276	75	3	1	4	10	0	11	177	93	557	2088
11:00-11:15		302	50	4	0	2	3	1	20	186	60	568	2166
11:15-11:30		295	65	7	2	0	5	0	22	170	79	566	2230
11:30-11:45		208	4	9	0	6	4	0	7	88	23	326	2017
11:45-12:00		196	19	0	0	2	5	0	5	106	26	333	1793
12:00-12:15		167	0	2	0	3	8	0	17	120	13	317	1542
12:15-12:30		194	30	4	1	1	2	0	14	126	38	372	1348
12:30-12:45		215	115	19	3	2	12	0	60	203	151	629	1651
12:45-1:00		240	125	12	5	3	15	0	90	237	160	727	2045
1:00-1:15		265	196	25	7	3	8	0	92	202	239	798	2526

Aforo vehicular del ramal F													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total Camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
1:15-1:30		220	95	5	4	1	3	0	50	160	108	538	2692
1:30-1:45		127	12	4	1	1	3	6	4	65	27	223	2286
1:45-2:00		265	36	1	0	2	2	0	15	227	41	548	2107
2:00-2:15		282	22	1	0	1	1	1	9	174	26	491	1800
2:15-2:30		203	15	3	0	1	4	0	11	168	23	405	1667
2:30-2:45		283	32	7	0	3	2	0	7	275	44	609	2053
2:45-3:00		300	16	0	0	1	8	0	14	225	25	564	2069
3:00-3:15		271	21	1	0	3	1	0	9	205	26	511	2089
3:15-3:30		235	12	1	0	3	1	0	14	248	17	514	2198
3:30-3:45		270	27	2	1	0	2	0	10	180	32	492	2081
3:45-4:00		271	22	1	0	2	10	0	12	187	35	505	2022
4:00-4:15		242	17	0	1	0	6	1	10	187	25	464	1975
4:15-4:30		236	21	3	0	0	4	0	11	154	28	429	1890
4:30-4:45		261	22	2	0	1	5	0	9	182	30	482	1880
4:45-5:00		308	22	1	2	1	2	0	15	195	28	546	1921
5:00-5:15		236	20	2	0	0	1	0	8	204	23	471	1928
5:15-5:30		284	24	2	0	1	2	0	12	163	29	488	1987
5:30-5:45		90	8	0	1	0	1	0	10	45	10	155	1660
5:45-6:00		150	54	4	1	1	3	0	21	153	63	387	1501
6:00-6:15		255	27	0	0	0	4	1	8	170	32	465	1495
6:15-6:30		230	0	1	1	1	4	0	9	126	7	372	1379
6:30-6:45		210	20	0	0	0	4	0	19	160	24	413	1637
6:45-7:00		245	17	1	0	2	5	0	16	115	25	401	1651
7:00-7:15		217	9	2	0	2	0	0	13	192	13	435	1621
7:15-7:30		160	13	2	0	1	1	0	13	116	17	306	1555
7:30-7:45		165	14	1	0	0	1	0	10	101	16	292	1434
7:45-8:00		250	13	1	1	1	3	1	14	105	20	389	1422
8:00-8:15		270	13	1	0	2	4	1	11	169	21	471	1458
8:15-8:300		170	13	4	1	1	4	0	8	109	23	310	1462
TOTAL		13643	1873	203	46	113	246	12	951	10054	2493		

Aforo vehicular del ramal G													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total Camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
5:30-5:45		125	27	3	0	0	11	0	9	144	41	319	
5:45-6:00		110	24	2	0	20	6	0	10	164	52	336	
6:00-6:15		306	30	4	0	14	15	0	21	257	63	647	
6:15-6:30		305	16	6	0	6	17	3	4	290	48	647	1949

Aforo vehicular del ramal G													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total Camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
6:30-6:45		367	19	1	4	0	23	0	12	213	47	639	2269
6:45-7:00		284	4	3	0	2	18	0	0	241	27	552	2485
7:00-7:15		274	8	1	0	0	9	0	12	238	18	542	2380
7:15-7:30		149	0	2	0	0	4	0	9	229	6	393	2126
7:30-7:45		357	12	7	0	4	17	0	10	325	40	732	2219
7:45-8:00		191	0	2	0	3	4	0	9	123	9	332	1999
8:00-8:15		278	14	1	0	2	23	0	13	207	40	538	1995
8:15-8:30		298	1	3	1	3	14	0	0	243	22	563	2165
8:30-8:45		197	9	0	1	3	8	0	11	189	21	418	1851
8:45-9:00		279	22	0	0	5	5	0	0	217	32	528	2047
9:00-9:15		164	21	0	0	0	30	0	0	128	51	343	1852
9:15-9:30		388	40	0	0	2	1	0	0	206	43	637	1926
9:30-9:45		147	9	2	0	1	3	0	11	115	15	288	1796
9:45-10:00		155	12	5	1	1	6	0	7	106	25	293	1561
10:00-10:15		280	15	4	0	1	5	0	0	110	25	415	1633
10:15-10:30		190	10	1	0	0	0	0	15	105	11	321	1317
10:30-10:45		290	15	10	2	4	8	0	19	120	39	468	1497
10:45-11:00		286	20	5	1	0	10	0	15	110	36	447	1651
11:00-11:15		290	30	7	0	0	7	0	12	115	44	461	1697
11:15-11:30		245	30	8	0	0	10	0	15	100	48	408	1784
11:30-11:45		212	21	5	0	3	10	0	10	135	39	396	1712
11:45-12:00		258	17	2	0	1	8	0	5	135	28	426	1691
12:00-12:15		245	21	0	0	1	15	0	15	145	37	442	1672
12:15-12:30		295	19	2	0	1	1	0	15	150	23	483	1747
12:30-12:45		203	23	3	2	0	3	0	11	120	31	365	1716
12:45-1:00		205	8	0	0	0	1	0	7	110	9	331	1621
1:00-1:15		204	3	3	0	4	3	0	8	110	13	335	1514
1:15-1:30		180	2	2	0	1	2	0	14	95	7	296	1327
1:30-1:45		268	22	3	0	1	2	0	23	210	28	529	1491
1:45-2:00		364	28	1	0	2	7	0	25	381	38	808	1968
2:00-2:15		342	36	2	0	0	2	0	22	382	40	786	2419
2:15-2:30		318	18	7	1	2	5	0	20	303	33	674	2797
2:30-2:45		222	27	2	0	1	3	0	23	262	33	540	2808
2:45-3:00		265	22	6	3	2	4	0	19	283	37	604	2604
3:00-3:15		245	23	3	0	2	3	0	18	185	31	479	2297
3:15-3:30		300	23	2	1	1	3	0	18	260	30	608	2231
3:30-3:45		273	18	1	0	3	2	0	16	235	24	548	2239
3:45-4:00		268	15	2	0	2	3	0	13	293	22	596	2231
4:00-4:15		263	16	4	0	3	6	0	13	338	29	643	2395
4:15-4:30		213	14	0	0	2	7	0	11	230	23	477	2264
4:30-4:45		173	19	0	1	1	3	0	12	140	24	349	2065

Aforo vehicular del ramal G													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total Camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
4:45-5:00		145	15	3	0	4	2	0	8	150	24	327	1796
5:00-5:15		185	13	1	0	0	3	0	10	155	17	367	1520
5:15-5:30		240	14	7	1	2	6	0	16	210	30	496	1539
5:30-5:45		80	1	0	0	1	15	0	9	73	17	179	1369
5:45-6:00		395	14	1	4	12	17	0	13	295	48	751	1793
6:00-6:15		465	14	0	0	0	9	0	9	375	23	872	2298
6:15-6:30		495	20	4	1	1	12	0	20		38	553	2355
6:30-6:45		390	14	4	1	1	12	0	20	275	32	717	2893
6:45-7:00		375	10	0	0	2	7	0	14	300	19	708	2850
7:00-7:15		300	8	2	0	0	3	0	7	185	13	505	2483
7:15-7:30		345	6	4	0	0	5	0	19	235	15	614	2544
7:30-7:45		440	13	5	0	1	6	0	7	220	25	692	2519
7:45-8:00		355	7	0	0	1	0	0	7	220	8	590	2401
8:00-8:15		405	8	1	0	2	3	0	9	270	14	698	2594
8:15-8:30		355	6	2	0	0	6	0	7	224	14	600	2580
TOTAL		16241	946	161	25	131	453	3	707	11984	1719		

Aforo vehicular del ramal H													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total Camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
5:30-5:45		46	4	0	0	0	0	0	2	41	4	93	
5:45-6:00		43	3	0	0	0	0	0	1	37	3	84	
6:00-6:15		66	9	0	0	0	0	0	2	40	9	117	
6:15-6:30		54	3	0	0	0	0	3	0	38	6	98	392
6:30-6:45		59	4	1	0	0	0	0	8	63	5	135	434
6:45-7:00		61	4	2	0	0	0	0	3	32	6	102	452
7:00-7:15		82	6	1	0	0	0	0	5	69	7	163	498
7:15-7:30		96	14	0	0	0	0	0	2	60	14	172	572
7:30-7:45		100	12	0	0	0	0	0	3	118	12	233	670
7:45-8:00		87	12	1	0	0	0	0	0	97	13	197	765
8:00-8:15		117	15	0	0	0	3	0	6	98	18	239	841
8:15-8:30		142	13	1	0	0	0	0	4	79	14	239	908
8:30-8:45		109	17	0	0	0	2	0	4	76	19	208	883
8:45-9:00		124	10	1	0	1	0	0	3	72	12	211	897
9:00-9:15		150	13	0	0	0	1	0	2	77	14	243	901
9:15-9:30		140	26	0	0	0	1	3	1	57	30	228	890
9:30-9:45		139	11	2	0	1	0	0	4	71	14	228	910
9:45-10:00		149	7	0	0	0	0	0	0	67	7	223	922

Aforo vehicular del ramal H													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total Camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
10:00-10:15		147	12	0	1	0	1	0	2	52	14	215	894
10:15-10:30		154	13	1	0	0	2	0	2	50	16	222	888
10:30-10:45		179	14	1	1	0	0	0	0	46	16	241	901
10:45-11:00		156	15	0	0	0	0	0	0	68	15	239	917
11:00-11:15		154	10	1	0	0	4	0	2	60	15	231	933
11:15-11:30		203	14	1	0	0	3	0	0	76	18	297	1008
11:30-11:45		171	14	0	0	0	1	0	2	68	15	256	1023
11:45-12:00		177	7	0	0	0	1	0	6	72	8	263	1047
12:00-12:15		174	18	0	0	0	3	0	3	102	21	300	1116
12:15-12:30		202	10	0	0	1	4	0	0	114	15	331	1150
12:30-12:45		236	14	0	0	1	0	0	1	133	15	385	1279
12:45-1:00		204	17	0	1	0	2	0	2	111	20	337	1353
1:00-1:15		158	6	0	0	0	1	0	2	90	7	257	1310
1:15-1:30		209	16	1	0	0	2	0	2	105	19	335	1314
1:30-1:45		238	9	1	0	0	0	0	0	15	10	263	1192
1:45-2:00		272	10	0	0	0	0	0	2	58	10	342	1197
2:00-2:15		166	15	0	0	0	0	0	2	102	15	285	1225
2:15-2:30		169	9	3	0	0	0	0	3	95	12	279	1169
2:30-2:45		150	13	2	1	1	0	0	2	102	17	271	1177
2:45-3:00		166	2	0	0	0	0	0	4	105	2	277	1112
3:00-3:15		177	11	0	0	0	0	0	22	95	11	305	1132
3:15-3:30		152	2	0	0	0	0	1	4	95	3	254	1107
3:30-3:45		162	22	0	0	0	0	0	7	48	22	239	1075
3:45-4:00		110	4	0	0	1	0	0	2	27	5	144	942
4:00-4:15		150	18	0	1	1	0	0	2	91	20	263	900
4:15-4:30		145	3	0	0	1	0	0	1	76	4	226	872
4:30-4:45		265	8	0	0	0	0	0	3	202	8	478	1111
4:45-5:00		180	6	0	0	0	0	0	4	69	6	259	1226
5:00-5:15		185	6	0	0	0	0	0	2	117	6	310	1273
5:15-5:30		155	2	0	0	0	0	0	1	90	2	248	1295
5:30-5:45		175	1	0	0	2	0	0	1	105	3	284	1101
5:45-6:00		185	2	0	0	0	1	0	2	122	3	312	1154
6:00-6:15		189	5	0	0	0	0	0	4	90	5	288	1132
6:15-6:30		210	2	1	0	0	0	0	1	90	3	304	1188
6:30-6:45		182	2	0	0	0	0	0	0	102	2	286	1190
6:45-7:00		181	5	0	0	0	0	0	2	118	5	306	1184
7:00-7:15		158	15	0	0	0	1	0	2	113	16	289	1185
7:15-7:30		161	21	0	0	0	0	0	1	118	21	301	1182
7:30-7:45		190	1	0	0	0	0	0	2	114	1	307	1203
7:45-8:00		184	1	0	0	0	0	0	0	87	1	272	1169
8:00-8:15		203	2	0	0	0	0	0	0	115	2	320	1200

Aforo vehicular del ramal H													
Periodo de 15min		Autos	Camiones						Buses	Motos	Total Camiones	Total	Hora pico
Inicio	Fin		C2	C3	C4	C5	C6	>C6					
8:15-8:30		160	2	0	0	0	0	0	0	100	2	262	1161
TOTAL		9308	562	21	5	10	33	7	150	5000	638		

Formato de campo

ESTUDIO DE VOLUMENES VEHICULARES				UNIVERSIDAD SANTO TOMÁS PRIMER CLAUSTRO UNIVERSITARIO DE COLOMBIA VILLAVICENCIO	
FORMATO DE CAMPO					
Fecha:		Intersección:		<u>Glorieta Séptima Brigada</u>	
Hora inicio:		Ramal:			
Hora fin:		Alrededor:			
Condición climática:		Supervisor:			

Universidad Santo Tomás
Carrera 22
Calle 7 / Julio 208
Efecty Auto Papeles
Monumento De Los Quince Años
Cabretería
Parque de la Juventud
Motel 40

Periodo de 15 min		Autos	Camiones						Buses	Motociclos
Inicio	Fin		C2	C3	C4	C5	C6	>C6		
Total										
Total										
Total										
Total										
Total										

Observaciones:

Hoja ____ de ____