

APPENDIX 12.2

DRIVER STRESS BASELINE TABLES

Table-1: Driver Stress- Baseline (2015)								
	BASELINE YEAR (2015) AM				BASELINE (2015) PM			
ROAD SECTION	FLOW PER LANE (VEH)	SPEED KPH	NUMBER OF LANES	STRESS LEVEL	FLOW PER LANE (VEH)	SPEED KPH	NUMBER OF LANES	STRESS LEVEL
A27 EASTBOUND								
1	885	64	1	High	1148	53	1	High
2	885	29	1	High	1148	16	1	High
3	885	62	1	High	1148	50	1	High
4	837	68	1	High	1087	61	1	High
5	849	47	1	High	1104	33	1	High
6	834	16	1	High	1078	10	1	High
7	836	62	1	High	1081	47	1	High
8	977	61	1	High	1101	58	1	High
9	977	58	1	High	1101	54	1	High
10	983	63	1	High	1103	60	1	High
11	1008	65	1	High	1109	63	1	High
12	1008	45	1	High	1109	4	1	High
13	547	5	1	High	638	3	1	High

14	1147	61	1	High	1131	63	1	High
15	1147	61	1	High	1131	63	1	High
A27 WESTBOUND								
1	1057	64	2	High	1024	66	2	High
2	1057	17	1	High	1024	18	1	High
3	1016	65	1	High	808	72	1	High
4	1016	38	1	High	808	52	1	High
5	1026	62	1	High	780	72	1	High
6	1027	55	1	High	775	68	1	Moderat e
7	1027	21	1	High	775	63	1	Moderat e
8	984	63	1	High	715	73	1	Moderat e
9	1043	64	1	High	748	74	1	Moderat e
10	1043	34	1	High	748	52	1	Moderat e
11	1075	60	1	High	739	73	1	Moderat e
12	1130	51	1	High	815	68	1	High
13	1181	9	1	High	841	34	1	High
14	1181	41	1	High	841	65	1	High

Table-2: Driver Stress- Opening Year 2022

	OPENING YEAR (2022) DO SOMETHING AM				OPENING (2022) DO SOMETHING PM			
ROAD SECTION	FLOW PER LANE (VEH)	SPEED KPH	NUMBER OF LANES	STRESS LEVEL	FLOW PER LANE (VEH)	SPEED KPH	NUMBER OF LANES	STRESS LEVEL
A27 EASTBOUND								
1	1072	59	1	High	1329	43	1	High
2	1072	23	1	High	1329	9	1	High
3	1072	57	1	High	1329	41	1	High
4	1019	65	1	High	1290	55	1	High
5	1034	41	1	High	1308	21	1	High
6	1024	13	1	High	1302	5	1	High
7	1026	60	1	High	1307	50	1	High
8	1201	53	1	High	1364	41	1	High
9	1201	52	1	High	1363	36	1	High
10	1208	75	1	High	1369	73	1	High
11	1232	82	1	High	1376	82	1	High
12	1232	43	1	High	1376	40	1	High
13	773	20	1	High	955	16	1	High
14	1470	64	1	High	1663	64	1	High
15	1470	80	1	High	1663	80	1	High

A27 WESTBOUND								
1	1294	80	2	High	1503	80	2	High
2	1294	11	1	High	1503	16	1	High
3	1312	48	1	High	993	48	1	High
4	1312	31	1	High	993	45	1	High
5	1323	85	1	High	965	86	1	High
6	1324	36	1	High	956	64	1	High
7	1324	40	1	High	956	62	1	High
8	1241	55	1	High	888	70	1	High
9	1278	60	1	High	916	72	1	High
10	1278	21	1	High	916	49	1	High
11	1288	54	1	High	922	70	1	High
12	1326	37	1	High	979	65	1	High
13	1374	3	1	High	1032	29	1	High
14	1350	30	1	High	1032	61	1	High

Table-3: Driver Stress- Design year 2037

	DESIGN YEAR (2037) DO SOMETHING AM				DESIGN YEAR (2037) DO SOMETHING PM			
ROAD SECTION	FLOW PER LANE (VEH)	SPEED KPH	NUMBER OF LANES	STRESS LEVEL	FLOW PER LANE (VEH)	SPEED KPH	NUMBER OF LANES	STRESS LEVEL
A27 EASTBOUND								
1	1175	54	1	High	1343	41	1	High
2	1175	16	1	High	1343	8	1	High
3	1175	51	1	High	1337	39	1	High
4	1102	62	1	High	1316	53	1	High
5	1139	33	1	High	1336	17	1	High
6	1074	12	1	High	1323	4	1	High
7	1074	59	1	High	1326	48	1	High
8	1256	49	1	High	1375	40	1	High
9	1256	47	1	High	1373	35	1	High
10	1263	74	1	High	1380	73	1	High
11	1287	82	1	High	1386	82	1	High
12	1286	43	1	High	1386	40	1	High
13	766	24	1	High	978	21	1	High
14	1255	64	1	High	1470	64	1	High
15	1255	80	1	High	1470	80	1	High
A27 WESTBOUND								

1	1365	80	2	High	1675	80	2	High
2	1365	10	1	High	1675	15	1	High
3	1385	48	1	High	1153	48	1	High
4	1385	25	1	High	1153	40	1	High
5	1408	84	1	High	1124	86	1	High
6	1364	24	1	High	1117	58	1	High
7	1341	34	1	High	1117	57	1	High
8	1292	50	1	High	1071	64	1	High
9	1329	58	1	High	1102	66	1	High
10	1329	13	1	High	1102	40	1	High
11	1341	46	1	High	1120	64	1	High
12	1375	20	1	High	1163	58	1	High
13	1365	3	1	High	1211	18	1	High
14	1336	31	1	High	1211	52	1	High