

TRAFFIC HIGHLIGHTS OF SITE V10507				
1.1	Site Identifier	V10507		
1.2	Site Name	P459 Station 1		
1.3	Site Description	Segment 1		
1.4	Road Description	Route : Road : P459 Section : Distance : 0.0km		
1.5	GPS Position	31 24 38.0E -29 07 32.5S		
1.6	Number of Lanes	2		
1.7	Station Type	Secondary		
1.8	Requested Period	2021/04/01 - 2021/05/31		
1.9	Length of record requested (hours)	1464		
1.10	Actual First & Last Dates	2021/04/19 - 2021/04/21		
1.11	Actual available good data (hours)	49		
1.12	Percentage good data available for requested period	3.4		
		To Nyoni	To Mandini	Total
2.1a	Total number of vehicles (counted)	9288	9197	18485
2.1b	Total number of vehicles (projected for period)	276412	273704	550116
2.2	Average daily traffic (ADT)	4531	4487	9018
2.3	Average daily truck traffic (ADTT)	353	342	695
2.4	Percentage of trucks	7.8	7.6	7.7
2.5	Truck split % (short:medium:long)	59 : 19 : 22	59 : 19 : 22	59 : 19 : 22
2.6	Percentage of night traffic (20:00 - 06:00)	9.9	7.0	8.4
3.1	Speed limit (km/hr)	60		
3.2	Average speed (km/hr)	72.3	69.5	70.9
3.3	Average speed - light vehicles (km/hr)	72.8	69.8	71.3
3.4	Average speed - heavy vehicles (km/hr)	66.8	65.6	66.2
3.5	Average night speed (km/hr)	74.1	72.9	73.6
3.6	15th centile speed (km/hr)	59.9	56.9	57.9
3.7	85th centile speed (km/hr)	86.0	82.0	84.0
3.8	Percentage vehicles in excess of speed limit	83.6	76.8	80.2
4.1	Percentage vehicles in flows over 600 vehicles/hr	0.0	0.0	51.8
4.2	Highest volume on the road (vehicles/hr)	2021/04/20 17:00:00 935		
4.3	Highest volume in the North (vehs/hr)	2021/04/21 07:00:00 527		
4.4	Highest volume in the South (vehs/hr)	2021/04/20 17:00:00 597		
4.5	Highest volume in a lane (vehicles/hr)	2021/04/20 17:00:00 597		
4.6	15th highest volume on the road (vehicles/hr)	2021/04/19 14:00:00 594		
4.7	15th highest volume in the North direction (vehs/hr)	2021/04/21 15:00:00 270		
4.8	15th highest volume in the South direction (vehs/hr)	2021/04/19 14:00:00 265		
4.9	30th highest volume on the road (vehicles/hr)	2021/04/20 06:00:00 352		
4.10	30th highest volume in the North direction (vehs/hr)	2021/04/19 19:00:00 169		
4.11	30th highest volume in the South direction (vehs/hr)	2021/04/20 06:00:00 105		
5.1	Percentage of vehicles less than 2s behind vehicle ahead			
6.1	Total number of heavy vehicles (projected for period)	21546	20832	42378
6.2	Estimated average number of axles per truck	3.7	3.7	3.7
6.3	Estimated truck mass (Ton/truck)	21.1	21.3	21.2
6.4	Estimated average E80/truck	1.3	1.3	1.3
6.5	Estimated daily E80 on the road	898		
6.6	Estimated daily E80 in the North direction	455		
6.7	Estimated daily E80 in the South direction	442		
6.8	Estimated daily E80 in the worst North lane	455		
6.9	Estimated daily E80 in the worst South lane	442		
6.10	ASSUMPTION on Axles/Truck (Short:Medium:Long)	(2.0 : 5.0 : 7.0)		
6.11	ASSUMPTION on Mass/Truck (Short:Medium:Long)	(10.9 : 31.5 : 39.8)		
6.12	ASSUMPTION on E80s/Truck (Short:Medium:Long)	(0.6 : 2.5 : 2.1)		

L/H/Volume Report

Date	: 2021/04/19
Site	: V10507 - P459 Station 1
Description	: Segment 1

Date	Time	Dur.	Lane 1			Lane 2			To Nyoni			To Mandini			P459		
			Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total
210419	00:00	10:32	1804	130	1934	2298	140	2438	1804	130	1934	2298	140	2438	4102	270	4372
210420	00:00	24:00	4103	344	4447	4041	327	4368	4103	344	4447	4041	327	4368	8144	671	8815
210421	00:00	14:39	2657	250	2907	2158	233	2391	2657	250	2907	2158	233	2391	4815	483	5298
210422	00:00	00:00															
210423	00:00	00:00															
210424	00:00	00:00															
210425	00:00	00:00															
210426	00:00	00:00															
210427	00:00	00:00															
210428	00:00	00:00															
			8564	724	9288	8497	700	9197	8564	724	9288	8497	700	9197	17061	1424	18485

TRAFFIC HIGHLIGHTS OF SITE V10508				
1.1	Site Identifier		V10508	
1.2	Site Name		P459 Station 2	
1.3	Site Description		Segment 2	
1.4	Road Description	Route : Road : P459	Section : Distance : 0.0km	
1.5	GPS Position		31 25 42.2E -29 05 27.9S	
1.6	Number of Lanes		2	
1.7	Station Type		Secondary	
1.8	Requested Period		2021/04/01 - 2021/05/31	
1.9	Length of record requested (hours)		1464	
1.10	Actual First & Last Dates		2021/04/19 - 2021/04/21	
1.11	Actual available good data (hours)		48	
1.12	Percentage good data available for requested period		3.3	
		To Nyoni	To Mandini	
			Total	
2.1a	Total number of vehicles (counted)	2981	2989	5970
2.1b	Total number of vehicles (projected for period)	89526	89767	179293
2.2	Average daily traffic (ADT)	1468	1472	2939
2.3	Average daily truck traffic (ADTT)	97	97	194
2.4	Percentage of trucks	6.6	6.6	6.6
2.5	Truck split % (short:medium:long)	73 : 18 : 9	68 : 21 : 11	70 : 20 : 10
2.6	Percentage of night traffic (20:00 - 06:00)	7.7	8.0	7.9
3.1	Speed limit (km/hr)			60
3.2	Average speed (km/hr)	51.3	50.7	51.0
3.3	Average speed - light vehicles (km/hr)	51.6	51.1	51.3
3.4	Average speed - heavy vehicles (km/hr)	47.0	45.0	46.0
3.5	Average night speed (km/hr)	54.4	53.6	54.0
3.6	15th centile speed (km/hr)	38.9	36.9	37.9
3.7	85th centile speed (km/hr)	64.0	65.0	64.0
3.8	Percentage vehicles in excess of speed limit	21.5	23.1	22.3
4.1	Percentage vehicles in flows over 600 vehicles/hr	0.0	0.0	0.0
4.2	Highest volume on the road (vehicles/hr)		2021/04/21 07:00:00	274
4.3	Highest volume in the North (vehs/hr)		2021/04/20 08:00:00	147
4.4	Highest volume in the South (vehs/hr)		2021/04/19 15:00:00	161
4.5	Highest volume in a lane (vehicles/hr)		2021/04/19 15:00:00	161
4.6	15th highest volume on the road (vehicles/hr)		2021/04/20 13:00:00	193
4.7	15th highest volume in the North direction (vehs/hr)		2021/04/20 13:00:00	91
4.8	15th highest volume in the South direction (vehs/hr)		2021/04/20 17:00:00	95
4.9	30th highest volume on the road (vehicles/hr)		2021/04/19 20:00:00	74
4.10	30th highest volume in the North direction (vehs/hr)		2021/04/19 20:00:00	39
4.11	30th highest volume in the South direction (vehs/hr)		2021/04/19 20:00:00	35
5.1	Percentage of vehicles less than 2s behind vehicle ahead			
6.1	Total number of heavy vehicles (projected for period)	5916	5946	11863
6.2	Estimated average number of axles per truck	3.0	3.2	3.1
6.3	Estimated truck mass (Ton/truck)	17.2	18.3	17.7
6.4	Estimated average E80/truck	1.1	1.2	1.1
6.5	Estimated daily E80 on the road			218
6.6	Estimated daily E80 in the North direction			104
6.7	Estimated daily E80 in the South direction			113
6.8	Estimated daily E80 in the worst North lane			104
6.9	Estimated daily E80 in the worst South lane			113
6.10	ASSUMPTION on Axles/Truck (Short:Medium:Long)			(2.0 : 5.0 : 7.0)
6.11	ASSUMPTION on Mass/Truck (Short:Medium:Long)			(10.9 : 31.5 : 39.8)
6.12	ASSUMPTION on E80s/Truck (Short:Medium:Long)			(0.6 : 2.5 : 2.1)

L/H/Volume Report

Date	: 2021/04/19
Site	: V10508 - P459 Station 2
Description	: Segment 2

Date	Time	Dur.	Lane 1			Lane 2			To Nyoni			To Mandini			P459		
			Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total
210419	00:00	12:51	860	53	913	856	58	914	860	53	913	856	58	914	1716	111	1827
210420	00:00	24:00	1380	97	1477	1363	99	1462	1380	97	1477	1363	99	1462	2743	196	2939
210421	00:00	11:53	544	47	591	572	41	613	544	47	591	572	41	613	1116	88	1204
210422	00:00	00:00															
210423	00:00	00:00															
210424	00:00	00:00															
210425	00:00	00:00															
210426	00:00	00:00															
210427	00:00	00:00															
210428	00:00	00:00															
			2784	197	2981	2791	198	2989	2784	197	2981	2791	198	2989	5575	395	5970

TRAFFIC HIGHLIGHTS OF SITE V10510			
1.1	Site Identifier		V10510
1.2	Site Name		P459 Station 3
1.3	Site Description		Segment 3
1.4	Road Description	Route : Road : P459	Section : Distance : 0.0km
1.5	GPS Position		31 26 38.6E -29 04 59.2S
1.6	Number of Lanes		2
1.7	Station Type		Secondary
1.8	Requested Period		2021/04/01 - 2021/05/31
1.9	Length of record requested (hours)		1464
1.10	Actual First & Last Dates		2021/04/19 - 2021/04/21
1.11	Actual available good data (hours)		48
1.12	Percentage good data available for requested period		3.3
		To Nyoni	To Mandini
2.1a	Total number of vehicles (counted)	2399	2326
2.1b	Total number of vehicles (projected for period)	72030	69838
2.2	Average daily traffic (ADT)	1181	1145
2.3	Average daily truck traffic (ADTT)	87	82
2.4	Percentage of trucks	7.3	7.2
2.5	Truck split % (short:medium:long)	68 : 21 : 11	72 : 20 : 8
2.6	Percentage of night traffic (20:00 - 06:00)	7.3	7.4
3.1	Speed limit (km/hr)		60
3.2	Average speed (km/hr)	52.8	49.7
3.3	Average speed - light vehicles (km/hr)	53.1	49.9
3.4	Average speed - heavy vehicles (km/hr)	48.8	46.2
3.5	Average night speed (km/hr)	53.2	51.0
3.6	15th centile speed (km/hr)	44.9	39.8
3.7	85th centile speed (km/hr)	62.0	60.0
3.8	Percentage vehicles in excess of speed limit	20.0	14.8
4.1	Percentage vehicles in flows over 600 vehicles/hr	0.0	0.0
4.2	Highest volume on the road (vehicles/hr)		2021/04/21 07:00:00
4.3	Highest volume in the North (vehs/hr)		2021/04/20 15:00:00
4.4	Highest volume in the South (vehs/hr)		2021/04/20 18:00:00
4.5	Highest volume in a lane (vehicles/hr)		2021/04/20 15:00:00
4.6	15th highest volume on the road (vehicles/hr)		2021/04/19 14:00:00
4.7	15th highest volume in the North direction (vehs/hr)		2021/04/20 14:00:00
4.8	15th highest volume in the South direction (vehs/hr)		2021/04/20 16:00:00
4.9	30th highest volume on the road (vehicles/hr)		2021/04/21 06:00:00
4.10	30th highest volume in the North direction (vehs/hr)		2021/04/20 06:00:00
4.11	30th highest volume in the South direction (vehs/hr)		2021/04/20 20:00:00
5.1	Percentage of vehicles less than 2s behind vehicle ahead		
6.1	Total number of heavy vehicles (projected for period)	5284	5014
6.2	Estimated average number of axles per truck	3.2	3.0
6.3	Estimated truck mass (Ton/truck)	18.5	17.3
6.4	Estimated average E80/truck	1.2	1.1
6.5	Estimated daily E80 on the road		192
6.6	Estimated daily E80 in the North direction		101
6.7	Estimated daily E80 in the South direction		91
6.8	Estimated daily E80 in the worst North lane		101
6.9	Estimated daily E80 in the worst South lane		91
6.10	ASSUMPTION on Axles/Truck (Short:Medium:Long)		(2.0 : 5.0 : 7.0)
6.11	ASSUMPTION on Mass/Truck (Short:Medium:Long)		(10.9 : 31.5 : 39.8)
6.12	ASSUMPTION on E80s/Truck (Short:Medium:Long)		(0.6 : 2.5 : 2.1)

L/H/Volume Report

Date	: 2021/04/19
Site	: V10510 - P459 Station 3
Description	: Segment 3

Date	Time	Dur.	Lane 1			Lane 2			To Nyoni			To Mandini			P459		
			Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total
210419	00:00	12:38	668	59	727	667	49	716	668	59	727	667	49	716	1335	108	1443
210420	00:00	24:00	1084	82	1166	1061	81	1142	1084	82	1166	1061	81	1142	2145	163	2308
210421	00:00	12:07	471	35	506	431	37	468	471	35	506	431	37	468	902	72	974
210422	00:00	00:00															
210423	00:00	00:00															
210424	00:00	00:00															
210425	00:00	00:00															
210426	00:00	00:00															
210427	00:00	00:00															
210428	00:00	00:00															
			2223	176	2399	2159	167	2326	2223	176	2399	2159	167	2326	4382	343	4725

TRAFFIC HIGHLIGHTS OF SITE V10511			
1.1	Site Identifier		V10511
1.2	Site Name		P459 Station 4
1.3	Site Description		Segment 4
1.4	Road Description	Route : Road : P459	Section : Distance : 0.0km
1.5	GPS Position		31 27 06.6E -29 04 49.1S
1.6	Number of Lanes		2
1.7	Station Type		Secondary
1.8	Requested Period		2021/04/01 - 2021/05/31
1.9	Length of record requested (hours)		1464
1.10	Actual First & Last Dates		2021/04/19 - 2021/04/21
1.11	Actual available good data (hours)		48
1.12	Percentage good data available for requested period		3.3
		To Nyoni	To Mandini
2.1a	Total number of vehicles (counted)	1720	1754
2.1b	Total number of vehicles (projected for period)	51624	52645
2.2	Average daily traffic (ADT)	846	863
2.3	Average daily truck traffic (ADTT)	64	71
2.4	Percentage of trucks	7.6	8.3
2.5	Truck split % (short:medium:long)	66 : 21 : 13	62 : 26 : 12
2.6	Percentage of night traffic (20:00 - 06:00)	7.8	7.6
3.1	Speed limit (km/hr)		
3.2	Average speed (km/hr)	65.4	63.0
3.3	Average speed - light vehicles (km/hr)	65.6	63.4
3.4	Average speed - heavy vehicles (km/hr)	62.2	58.2
3.5	Average night speed (km/hr)	65.1	62.9
3.6	15th centile speed (km/hr)	51.9	48.9
3.7	85th centile speed (km/hr)	81.0	78.0
3.8	Percentage vehicles in excess of speed limit	62.8	58.8
4.1	Percentage vehicles in flows over 600 vehicles/hr	0.0	0.0
4.2	Highest volume on the road (vehicles/hr)		2021/04/21 07:00:00
4.3	Highest volume in the North (vehs/hr)		2021/04/21 07:00:00
4.4	Highest volume in the South (vehs/hr)		2021/04/20 15:00:00
4.5	Highest volume in a lane (vehicles/hr)		2021/04/20 15:00:00
4.6	15th highest volume on the road (vehicles/hr)		2021/04/19 13:00:00
4.7	15th highest volume in the North direction (vehs/hr)		2021/04/19 14:00:00
4.8	15th highest volume in the South direction (vehs/hr)		2021/04/20 14:00:00
4.9	30th highest volume on the road (vehicles/hr)		2021/04/21 06:00:00
4.10	30th highest volume in the North direction (vehs/hr)		2021/04/21 06:00:00
4.11	30th highest volume in the South direction (vehs/hr)		2021/04/20 06:00:00
5.1	Percentage of vehicles less than 2s behind vehicle ahead		
6.1	Total number of heavy vehicles (projected for period)	3902	4352
6.2	Estimated average number of axles per truck	3.3	3.4
6.3	Estimated truck mass (Ton/truck)	19.0	19.5
6.4	Estimated average E80/truck	1.2	1.3
6.5	Estimated daily E80 on the road		
6.6	Estimated daily E80 in the North direction		
6.7	Estimated daily E80 in the South direction		
6.8	Estimated daily E80 in the worst North lane		
6.9	Estimated daily E80 in the worst South lane		
6.10	ASSUMPTION on Axles/Truck (Short:Medium:Long)		(2.0 : 5.0 : 7.0)
6.11	ASSUMPTION on Mass/Truck (Short:Medium:Long)		(10.9 : 31.5 : 39.8)
6.12	ASSUMPTION on E80s/Truck (Short:Medium:Long)		(0.6 : 2.5 : 2.1)

L/H/Volume Report

Date	: 2021/04/19
Site	: V10511 - P459 Station 4
Description	: Segment 4

Date	Time	Dur.	Lane 1			Lane 2			To Nyoni			To Mandini			P459		
			Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total
210419	00:00	12:28	471	37	508	480	42	522	471	37	508	480	42	522	951	79	1030
210420	00:00	24:00	782	62	844	788	71	859	782	62	844	788	71	859	1570	133	1703
210421	00:00	12:18	337	31	368	341	32	373	337	31	368	341	32	373	678	63	741
210422	00:00	00:00															
210423	00:00	00:00															
210424	00:00	00:00															
210425	00:00	00:00															
210426	00:00	00:00															
210427	00:00	00:00															
210428	00:00	00:00															
			1590	130	1720	1609	145	1754	1590	130	1720	1609	145	1754	3199	275	3474

TRAFFIC HIGHLIGHTS OF SITE V10509				
1.1	Site Identifier		V10509	
1.2	Site Name		P459 Station 5	
1.3	Site Description		Segment 5	
1.4	Road Description	Route : Road : P459	Section : Distance : 0.0km	
1.5	GPS Position		31 27 41.5E -29 04 44.3S	
1.6	Number of Lanes		2	
1.7	Station Type		Secondary	
1.8	Requested Period		2021/04/01 - 2021/05/31	
1.9	Length of record requested (hours)		1464	
1.10	Actual First & Last Dates		2021/04/19 - 2021/04/21	
1.11	Actual available good data (hours)		48	
1.12	Percentage good data available for requested period		3.3	
		To Nyoni	To Mandini	
			Total	
2.1a	Total number of vehicles (counted)	1592	1618	3210
2.1b	Total number of vehicles (projected for period)	47773	48553	96326
2.2	Average daily traffic (ADT)	783	796	1579
2.3	Average daily truck traffic (ADTT)	66	66	133
2.4	Percentage of trucks	8.5	8.3	8.4
2.5	Truck split % (short:medium:long)	65 : 24 : 11	67 : 23 : 10	67 : 23 : 10
2.6	Percentage of night traffic (20:00 - 06:00)	7.7	7.3	7.5
3.1	Speed limit (km/hr)			60
3.2	Average speed (km/hr)	61.6	57.9	59.7
3.3	Average speed - light vehicles (km/hr)	62.0	58.0	60.0
3.4	Average speed - heavy vehicles (km/hr)	56.8	57.0	56.9
3.5	Average night speed (km/hr)	63.3	58.7	61.0
3.6	15th centile speed (km/hr)	46.9	43.0	44.9
3.7	85th centile speed (km/hr)	77.0	75.0	76.0
3.8	Percentage vehicles in excess of speed limit	55.8	46.1	50.9
4.1	Percentage vehicles in flows over 600 vehicles/hr	0.0	0.0	0.0
4.2	Highest volume on the road (vehicles/hr)		2021/04/20 15:00:00	142
4.3	Highest volume in the North (vehs/hr)		2021/04/20 18:00:00	75
4.4	Highest volume in the South (vehs/hr)		2021/04/20 15:00:00	80
4.5	Highest volume in a lane (vehicles/hr)		2021/04/20 15:00:00	80
4.6	15th highest volume on the road (vehicles/hr)		2021/04/19 13:00:00	109
4.7	15th highest volume in the North direction (vehs/hr)		2021/04/21 13:00:00	54
4.8	15th highest volume in the South direction (vehs/hr)		2021/04/21 13:00:00	54
4.9	30th highest volume on the road (vehicles/hr)		2021/04/21 06:00:00	47
4.10	30th highest volume in the North direction (vehs/hr)		2021/04/21 06:00:00	24
4.11	30th highest volume in the South direction (vehs/hr)		2021/04/20 06:00:00	23
5.1	Percentage of vehicles less than 2s behind vehicle ahead			
6.1	Total number of heavy vehicles (projected for period)	4051	4051	8102
6.2	Estimated average number of axles per truck	3.3	3.2	3.2
6.3	Estimated truck mass (Ton/truck)	19.0	18.4	18.7
6.4	Estimated average E80/truck	1.2	1.2	1.2
6.5	Estimated daily E80 on the road			159
6.6	Estimated daily E80 in the North direction			81
6.7	Estimated daily E80 in the South direction			78
6.8	Estimated daily E80 in the worst North lane			81
6.9	Estimated daily E80 in the worst South lane			78
6.10	ASSUMPTION on Axles/Truck (Short:Medium:Long)			(2.0 : 5.0 : 7.0)
6.11	ASSUMPTION on Mass/Truck (Short:Medium:Long)			(10.9 : 31.5 : 39.8)
6.12	ASSUMPTION on E80s/Truck (Short:Medium:Long)			(0.6 : 2.5 : 2.1)

L/H/Volume Report

Date	: 2021/04/19
Site	: V10509 - P459 Station 5
Description	: Segment 5

Date	Time	Dur.	Lane 1			Lane 2			To Nyoni			To Mandini			P459		
			Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total
210419	00:00	12:12	416	37	453	429	36	465	416	37	453	429	36	465	845	73	918
210420	00:00	24:00	718	64	782	732	65	797	718	64	782	732	65	797	1450	129	1579
210421	00:00	12:34	323	34	357	322	34	356	323	34	357	322	34	356	645	68	713
210422	00:00	00:00															
210423	00:00	00:00															
210424	00:00	00:00															
210425	00:00	00:00															
210426	00:00	00:00															
210427	00:00	00:00															
210428	00:00	00:00															
			1457	135	1592	1483	135	1618	1457	135	1592	1483	135	1618	2940	270	3210